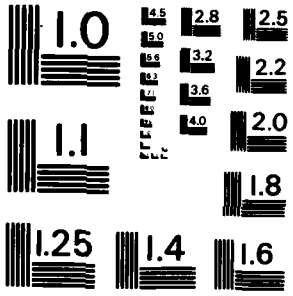
AD-A134 207 FT RICHARDSON ALASKA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOC..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 15 AUG 83 1/4

UNCLASSIFIED USAFETAC/DS-83/029 SBI-AD-E850 425 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
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AD-A134 207

(1)

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCS"

AUG 15 1983

FEDERAL BUILDING
ASHEVILLE, N. C.

83 10 03 167

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE

READ INSTRUCTIONS BEFORE COMPLETING FORM

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18. SUPPLEMENTARY NOTES:
Limited-duty weather observation site.

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

*LISOCS	Climatology	Weather conditions
*RUSSWO	Surface winds	Relative humidity
*Climatological data	Sea-level pressure	Station pressure
Psychrometric summary	Atmospheric pressure	Ceiling versus Visibility

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is similar to a Revised Uniform Summary of Surface Weather Observations (RUSSWO) except the summary generated is from data observed at limited-duty observation sites. This summary is blocked based on the normal hours of observation and only those tables using hourly data are presented. Caution must be exercised when using these summaries as the data reflect conditions occurring only during limited duty hours of operation. This report is a five-part statisitical summary of surface weather observations for FORT RICHARDSON, ALASKA.

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frequency of distibution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*ALASKA USAK702736
FT RICHARDSON
FORT RICHARDSON

20. It contains the following parts: (A) Weather Conditions; (C) Surface Winds; (D) Ceiling Versus Visibility; (E) Psychrometric Summaries (psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard deviations and observation counts of station and/or sea-level pressure). Summaries in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

This Limited Surface Observations Climatic Summary (LISOCS) is in essence a "RUSSWO" for limited duty sites. The data are "blocked" for the normal hours of operation and only those tables using hourly data (vice Summary of the Day data) are presented. Caution must be exercised when using these summaries, for the data span and a relatively short period of record (POR) reflect conditions occurring only during normal hours of operation. The ALL-ALL tables must be used with extra caution since the data represent only a subset of 24 hours per day. Additionally, we have extracted the available temperature data from the hourly data to provide "Maximum"/"Minimum" temperature tables--read a "HIGH" and "LOW". These tables should be used only as a general guide since data were unavailable for 24 hours/day. This is especially true of the "Minimum" tables, since there is no nighttime data.

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES (LISOCS)
HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at established hourly intervals.

SUMMARY OF THE DAY OBSERVATIONS

Summary of the day observations are selected from all data recorded on reporting forms and combined into these observations (records, record-specials, locals, summary of day, remarks, etc.).

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the LISOCS and the manner of presentation. Tabulations are prepared from observations recorded by stations operated by the US Services and some foreign stations using similar reporting practices.

Unless otherwise noted, the following summaries are included in this LISOCS:

PART A: WEATHER CONDITIONS

PART B: NO OR INSUFFICIENT DATA AVAILABLE*

PART C: SURFACE WINDS

PART D: CEILING VERSUS VISIBILITY

SKY COVER

*PRECIPITATION, SNOWFALL AND SNOW DEPTH

PART E: DAILY HIGH, LOW, AND MEAN TEMPERATURES

MAX HIGH AND MIN LOW TEMPERATURES

PSYCHROMETRIC: DRY VS WET BULB

MEAN AND STD DEV. (DRY BULB, WET BULB, AND DEW POINT TEMPERATURES)

RELATIVE HUMIDITY

PART F: STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 local standard time (LST).

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
702736	Fort Richardson AIN AK	61 16 N	149 39 W	378	PAFR	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO.	
1	Fort Richardson AIN AK	AF	Nov 73	Jan 76	61 16 N	149 39 W	378	Unknown	12
2	Same	AF	Feb 76	Oct 79	Same	Same	Same	Unknown	16
3	Fort Richardson AIN AK Bryant AHP	AF	Nov 79	May 83	Same	Same	Same	338 ft	17
	*Inventory shows records from Jun 65 to Oct 73. No records on file to substantiate inventory.								

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 73	Unknown	Unknown	Unknown	Unknown	
2	Sep 77	GMQ 20 located 1 mile from wea sta next to Rnwy 34	GMQ 20	RO 362	12 ft	
3	Oct 79	Same	Same	Same	12 ft	
4	May 83	Same	Same	Same	12 ft	

USAFETAC FORM NOV 73 0-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CONTINUED ON REVERSE SIDE

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS
- ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
- SNOWFALL
- SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
- SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP
- EXTREME MAX & MIN TEMP
- PSYCHROMETRIC-DRY VS WET BULB
- MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)
- RELATIVE HUMIDITY

PART F STATION PRESSURE
- SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____	APRIL _____	JULY _____	OCTOBER _____
FEBRUARY _____	MAY _____	AUGUST _____	NOVEMBER _____
MARCH _____	JUNE _____	SEPTEMBER _____	DECEMBER _____

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A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02												
	03-05		3.9	1.3	7.2		12.4	12.4				12.4	153
	06-08		3.1	2.1	7.9		12.8	10.2				10.2	382
	09-11		1.9	2.1	8.3		11.9	11.6				11.6	421
	12-14		1.4	2.1	11.2		14.6	8.4				8.4	419
	15-17		2.4	1.5	6.6		10.4	10.7				10.7	412
	18-20		4.5	3.1	8.0		14.8	10.8				10.8	352
	21-23												
TOTALS			2.9	2.0	8.2		12.8	10.7				10.7	2139

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02												
	03-05		1.9	1.3	10.6		13.8	9.4		.6		10.0	160
	06-08		3.4	.7	11.0		15.2	10.8		.2		11.0	409
	09-11		3.3	.2	9.9		13.2	10.4				10.4	425
	12-14		3.8		9.4		12.9	7.7		.2		8.0	426
	15-17		3.9		9.0		12.1	7.0				7.0	413
	18-20		3.4		5.1		8.5	6.5				6.5	352
	21-23												
TOTALS			3.3	.4	9.2		12.6	8.6		.2		8.8	2185

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02												
	03-05		1.8		9.6		11.4	.9				.9	228
	06-08		2.1		14.0		15.6	3.5		.4		3.8	520
	09-11		1.5		14.3		15.4	4.4		.4		4.8	526
	12-14		1.7		12.6		13.9	3.1		.2		3.1	524
	15-17		2.7		9.7	.2	12.5	2.1				2.1	514
	18-20		3.1		8.5		11.4	2.5		.2		2.7	481
	21-23												
TOTALS			2.2		11.5	.0	13.4	2.8		.2		2.9	2793

USAFETAC FORM JULY 64 0-10-5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02												
	03-05		3.0		9.0		11.6	3.4				3.4	233
	06-08		3.7		7.8		10.6	4.1				4.1	490
	09-11		4.0		5.2		7.7	1.6	.2			1.8	496
	12-14		3.0		4.0		6.5	1.2				1.2	495
	15-17		3.1		4.3		7.4	1.6				1.6	489
	18-20		1.8		5.7		7.5	2.4				2.4	455
	21-23												
TOTALS			3.1		6.0		8.6	2.4	.0			2.4	2658

USAFETAC FORM JULY 64 0-10 5100L A1. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLE	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02												
	03-05		6.5				6.5	2.5				2.5	276
	06-08		6.2		.4		6.2	2.8				2.8	498
	09-11		6.6		.2		6.6	1.6			.2	1.8	498
	12-14		10.8			.2	11.0	.4				.4	498
	15-17		8.4			.2	8.6	.2				.2	486
	18-20		7.8				7.8	.2				.2	462
	21-23												
TOTALS			7.7		.1	.1	7.8	1.3			.0	1.3	2718

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

70736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02												
	03-05		13.6				13.6	1.0				1.0	295
	06-08		14.6				14.6	2.9				2.9	515
	09-11		15.5				15.5	2.7				2.7	516
	12-14		17.6				17.6	1.2	.2			1.4	516
	15-17	.4	14.4				14.4						508
	18-20	.4	13.0			.2	13.0	.6				.6	492
	21-23												
TOTALS		.1	14.8			.0	14.8	1.4	.0			1.4	2842

USAFETAC FORM JULY 64 0-10 5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

70736 FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02												
	03-05		22.5				22.5	5.3				8.3	289
	06-08		24.0				24.0	5.4				8.4	513
	09-11		22.0				22.0	7.5				7.5	510
	12-14		22.1				22.1	4.1				4.1	511
	15-17	.2	23.4				23.4	3.0				3.0	500
	18-20		21.0				21.0	2.7				2.7	476
	21-23												
TOTALS		.0	22.5				22.5	5.7				5.7	2799

USAFETAC FORM 0-10 5 JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFGWC WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 1736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02												
	03-05		13.7				13.7	8.5				8.5	306
	06-08		16.3				16.3	9.8				9.8	528
	09-11		17.8				17.8	8.7				8.7	528
	12-14		18.7				18.7	6.4	.8			6.6	528
	15-17		16.5				16.5	4.0	1.0			4.4	520
	18-20		17.7				17.7	2.8	1.2			3.4	504
	21-23												
TOTALS			16.8				16.6	6.7	.5			6.9	2914

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02												
	03-05		18.4				18.4	5.3	1.1			5.7	282
	06-08		20.2		.2		20.2	6.3	1.2			7.0	489
	09-11		20.4		.6		21.1	3.7	1.2			4.3	489
	12-14		20.1				20.1	2.5	1.0			3.5	488
	15-17	.2	18.5				18.5	2.1				2.1	480
	18-20	.2	17.7				17.7	1.1	.6			1.7	462
	21-23												
TOTALS		.1	19.2		.1		19.3	3.5	.9			4.1	2690

USAFETAC FORM JULY 64 0-10-5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

70 736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02												
	03-05		11.7		11.0		21.6	11.3				11.3	262
	06-08		10.3		13.7		22.4	16.5				16.5	504
	09-11		10.5		15.3		25.2	15.9				15.9	504
	12-14		11.3		15.4		25.9	11.7				11.7	506
	15-17		14.6		10.8		24.6	13.6				13.6	499
	18-20		12.8		10.7		22.5	13.7				13.7	476
	21-23												
TOTALS			11.9		12.8		23.7	13.8				13.8	2771

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02												
	03-05		4.5	.5	14.9		19.9	16.7				16.7	221
	06-08		3.8		15.5		19.1	16.6				16.6	471
	09-11		4.2		15.6		19.8	15.6		.6		16.2	474
	12-14		5.5	.4	14.8		20.3	11.4		.4		11.8	474
	15-17		5.8		12.6		18.4	12.6				12.6	467
	18-20		6.0		13.7		19.1	12.9				12.9	451
	21-23												
TOTALS			5.0	.2	14.5		19.4	14.3		.2		14.5	2558

USAFETAC FORM JULY 64 0-10 5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02												
	03-05		1.3	.9	13.8		16.1	10.7				10.7	224
	06-08		2.2		13.3		15.5	9.6				9.6	489
	09-11		2.0		14.5		16.6	13.7				13.7	495
	12-14		2.3	.2	18.3		20.7	9.2				9.2	487
	15-17		1.1		16.3		17.4	8.3		.2		8.3	472
	18-20		1.8	.5	17.6		19.6	6.1		.2		6.3	443
	21-23												
TOTALS			1.8	.3	15.6		17.7	9.6		.1		9.6	2610

USAFETAC FORM JULY 64 0-10-5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 [illegible]736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL		2.9	2.0	8.2		12.8	10.7				10.7	2139
FEB			3.3	.4	9.2		12.6	8.6		.2		8.8	2185
MAR			2.2		11.5	.0	13.4	2.6		.2		2.9	2793
APR			3.1		6.0		8.6	2.4	.0			2.4	2658
MAY			7.7		.1	.1	7.8	1.3			.0	1.3	2718
JUN		.1	14.8			.0	14.8	1.4	.0			1.4	2842
JUL		.0	22.5				22.5	5.7				5.7	2799
AUG			16.8				16.8	6.7	.5			6.9	2914
SEP		.1	19.2		.1		19.3	3.5	.9			4.1	2690
OCT			11.9		12.8		23.7	13.8				13.8	2771
NOV			5.0	.2	14.5		19.4	14.3		.2		14.5	2558
DEC			1.8	.3	15.6		17.7	9.6		.1		9.6	2610
TOTALS		.0	9.3	.2	6.5	.0	15.8	6.7	.1	.1	.0	6.8	31677

USAFETAC FORM JULY 64 0-10-5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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APPLICATIONS CENTER

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

C

[illegible] AIR WEATHER SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 75-[illegible] MONTH: JAN

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]										[illegible]	[illegible]
NNE	[illegible]	1.[illegible]	.7									[illegible]	[illegible]
NE	[illegible]	[illegible]		1.3		.7						[illegible]	[illegible]
ENE	[illegible]	2.6										4.[illegible]	[illegible]
E	[illegible]	1.3	1.3	.7								[illegible]	[illegible]
ESE	1.[illegible]	[illegible]				.7						[illegible]	[illegible]
SE		.7										.7	[illegible]
SSE	1.[illegible]	[illegible]	.7									[illegible]	4.[illegible]
S	1.[illegible]											1.[illegible]	1.[illegible]
SSW		[illegible]	.7									1.3	[illegible]
SW	.7											.7	[illegible]
WSW	.7											.7	[illegible]
W	.7											.7	[illegible]
WNW													
NW	.7	.7	.7									[illegible]	[illegible]
NNW		.7	.7									1.3	[illegible]
VARBL													
CALM												.1	
	1.[illegible]	13.7	4.6	2.0		1.[illegible]						1.0[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON A	77-[illegible]	JAN

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	.[illegible]										3.4	[illegible]
NNE	3.7	1.6			.3							.[illegible]	4.5
NE	4.7	.3	.3	1.[illegible]	.5	.5						7.5	[illegible]
ENE	[illegible]	1.6	.5		.3							.[illegible]	[illegible]
E	4.2	1.[illegible]	.[illegible]	.3				.3				.[illegible]	[illegible]
ESE	.[illegible]	.7	.3	.7	.7							1.[illegible]	1.[illegible]
SE	.	.5	.5	.5			.[illegible]					2.4	.5
SSE	.[illegible]	.[illegible]										1.[illegible]	[illegible]
S	.[illegible]	.3	.3									1.[illegible]	4.7
SSW	.	1.3										.1	[illegible]
SW		.										.[illegible]	[illegible]
WSW	.[illegible]											.[illegible]	[illegible]
W	1.[illegible]	.										.1	[illegible]
WNW	.											.[illegible]	[illegible]
NW	.[illegible]											.[illegible]	[illegible]
NNW	.	.8										1.3	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	11.7	2.6	2.1	1.[illegible]	.5	.3	.3				100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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[illegible] / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] FT RICHARDSON, AK [illegible]

STATION | STATION NAME | YEARS | MONTH

ALL [illegible]

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]										[illegible]	[illegible]
NNE	[illegible]	[illegible]			[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]		[illegible]			[illegible]						[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW		[illegible]	[illegible]									[illegible]	[illegible]
W		[illegible]		[illegible]								[illegible]	[illegible]
WNW		[illegible]										[illegible]	[illegible]
NW													
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 OL-A JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-8.	JA

CLASS: ALL WEATHER

HOURS (L S T): 1300-1400

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	1.0										3.6	[illegible]
NNE	4.3	1.2	.2	.2	.2							6.2	[illegible]
NE	3.[illegible]	1.4	.7	.5	.5							6.7	[illegible]
ENE	2.[illegible]	.2	.2	.2								3.[illegible]	[illegible]
E	1.2	1.6	.2	.2								2.4	[illegible]
ESE	1.0	.2		.2	.2							1.7	[illegible]
SE	.[illegible]	.[illegible]		.5	.2		.[illegible]	.2				1.7	1.4
SSE	1.2		.7	.2	.2							2.4	7.[illegible]
S	1.2											1.[illegible]	[illegible]
SSW	.[illegible]	.2	.2									.7	[illegible]
SW	.[illegible]		.2	.5								1.2	[illegible]
WSW	.[illegible]	1.2	.5									1.7	[illegible]
W	.2	.2	.5									1.4	5.7
WNW	.[illegible]											.[illegible]	[illegible]
NW	.[illegible]	.3										1.[illegible]	3.3
NNW	.7											.7	[illegible]
VARBL													
CALM												4.[illegible]	
	[illegible]	7.[illegible]	3.6	2.6	1.4		.[illegible]	.2				1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-8 MONTH: [illegible]

CLASS: ALL [illegible] HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]		[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]		[illegible]			[illegible]	[illegible]					[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW			[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]											[illegible]	[illegible]
NW		[illegible]										[illegible]	[illegible]
NNW	[illegible]	[illegible]										[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-[illegible] MONTH: [illegible]

CLASS: ALL [illegible]

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	[illegible]		[illegible]								[illegible]	[illegible]
NNE	1.[illegible]	2.[illegible]	1.4	.7								.1	[illegible]
NE	.7	1.[illegible]	.7	.3								[illegible]	[illegible]
ENE	1.[illegible]	.[illegible]		.7								[illegible]	[illegible]
E	2.[illegible]	.6	.6									[illegible]	[illegible]
ESE	.[illegible]		.4									[illegible]	[illegible]
SE	.[illegible]	.[illegible]	.6	1.4	.3							.7	[illegible]
SSE	.[illegible]	.5		.7								1.1	[illegible]
S	1.[illegible]		.7									1.[illegible]	[illegible]
SSW	.[illegible]											[illegible]	[illegible]
SW	.[illegible]	.6	1.1	.[illegible]								[illegible]	[illegible]
WSW		.[illegible]	.3									.[illegible]	[illegible]
W		.[illegible]										[illegible]	[illegible]
WNW	.[illegible]		.7									[illegible]	[illegible]
NW													
NNW	.[illegible]											.[illegible]	[illegible]
VARBL													
CALM												57.[illegible]	
	1.1	7.7	5.4	3.7	.3							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]
USAFETAC
[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION | [illegible] STATION NAME | 77-8[illegible] YEARS | [illegible] MONTH

ALL [illegible] CLASS | ALL HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ENE	2.4	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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LATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: FT RICHARDSON AK YEARS: 77-82 MONTH: FEB

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	1.[illegible]										.[illegible]1	[illegible]
NNE	.[illegible]	.2										1.[illegible]	[illegible]
NE	1.[illegible]	1.3	.6	1.3	.6							.[illegible]6	7.[illegible]
ENE	1.[illegible]	.[illegible]	1.3	.6								[illegible].4	[illegible]
E	1.[illegible]	.6										1.[illegible]	[illegible]
ESE	.[illegible]	.[illegible]	.6	1.3								.[illegible]1	[illegible]
SE	1.[illegible]		.[illegible]	1.[illegible]								.[illegible]1	[illegible]
SSE	2.[illegible]	.6		.6								.[illegible]	4.[illegible]
S	1.[illegible]		.6									.[illegible]2	4.[illegible]
SSW	.[illegible]											.[illegible]	[illegible]
SW													
WSW					.[illegible]							.6	[illegible]
W	.[illegible]	1.3	.6									.[illegible]	[illegible]
WNW													
NW													
NNW		1.[illegible]										1.[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	1.4	.1	4.4	5.0	1.3							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/ AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) [illegible] CHA[illegible] AK (STATION NAME) 77-[illegible] (YEARS) [illegible] (MONTH)

ALL [illegible] (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.7										[illegible]	4.1
NNE	[illegible]	1.[illegible]	.5	1.[illegible]	.2							4.[illegible]	6.7
NE	2.1	1.2		.2	.2							4.[illegible]	4.5
ENE	[illegible]	.7	1.2									4.[illegible]	[illegible]
E	1.7		.2	.2	.2	.2						[illegible].7	[illegible].1
ESE	[illegible]	.7	.2	1.5	.2							[illegible].2	1.[illegible]
SE	1.[illegible]	.2	.5	.2	.2	.2						[illegible]	[illegible].7
SSE	1.[illegible]	.5	1.[illegible]	1.2								4.2	7.7
S	1.[illegible]	1.0	.2	.2								[illegible]	4.4
SSW	[illegible]	1.[illegible]	.5									[illegible]	[illegible]
SW					.7							.7	[illegible]
WSW		.[illegible]										.[illegible]	4.[illegible]
W	.[illegible]	.7										1.2	[illegible]
WNW	.[illegible]	.[illegible]										.[illegible]	[illegible]
NW		.[illegible]										.[illegible]	4.[illegible]
NNW	.[illegible]											.[illegible]	2.[illegible]
VARBL													
CALM												[illegible].6	
	1.1	3.0	4.4	4.6	2.[illegible]	.5						1[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]AL CLIMATOLOGY [illegible]CH
[illegible]ET C
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

736 — STATION
FT RICHARDSON AK — STATION NAME
77-8[illegible] — YEARS
[illegible] — MONTH

ALL WEATHER — CLASS
[illegible]-11[illegible] — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	1.2										[illegible]	[illegible]
NNE	2.[illegible]	1.2	.7	.5	.7							.4	6.[illegible]
NE	1.[illegible]	1.[illegible]	.5	.5	.2	.2						4.2	9.7
ENE	1.[illegible]	1.[illegible]	.5									[illegible]	4.[illegible]
E	2.[illegible]	.[illegible]	.2									.1	[illegible]
ESE	.[illegible]	.2	.5	.5	.5	.2	.[illegible]					2.4	14.[illegible]
SE	.7			1.4	1.6							[illegible]	1[illegible].4
SSE	[illegible]	.4	.[illegible]	.5								4.5	4.1
S	2.1	.7	.5									[illegible]	.7
SSW	1.	2.1	1.2	.2								.2	[illegible]
SW	.[illegible]	.[illegible]	.5									1.[illegible]	4.4
WSW	.2	.[illegible]										1.[illegible]	2.4
W	.5	.[illegible]										1.4	[illegible]
WNW	.[illegible]	.2										.2	[illegible]
NW													
NNW	.[illegible]	.2	.2									.[illegible]	[illegible].7
VARBL													
CALM												[illegible]	
	[illegible]1.2	[illegible]	5.2	3.5	3.1	.5	.2					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-[illegible] MONTH: [illegible]

CLASS: ALL [illegible] HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.[illegible]	.7	.5								[illegible]	[illegible]
NNE	.5	2.5	1.2	.8	.5	.2						1.1	[illegible]
NE	.1	1.4	1.2	.2	.2	.5						[illegible]	7.[illegible]
ENE	1.[illegible]	.5	.2									.3	[illegible]
E	.		.5	.2								1.2	[illegible]
ESE		.[illegible]	.5	.2	1.4							.1	1.[illegible]
SE	.	.5		1.2	.2							.1	1.[illegible]
SSE	.3			.5								.2	[illegible]
S	.7	.9	.7	.2								[illegible]	[illegible]
SSW	.7	.2	.2									1.[illegible]	[illegible]
SW	.	.[illegible]	.2									1.[illegible]	[illegible]
WSW	.3	2.3	.5									[illegible]	[illegible]
W	3.	.										[illegible]	[illegible]
WNW	1.1	.2	.2									1.7	[illegible]
NW	.7	.7										1.1	3.7
NNW	1.5	.7	.									[illegible]	[illegible]
VARBL													
CALM												[illegible].1	
	[illegible].1	15.5	7.[illegible]	4.[illegible]	2.3	.7						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
735	FT RICHARDSON AK	77-8	[illegible]

CLASS: ALL WEATHER

HOURS (LST): 1[illegible]-17[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.7	.5	.5								[illegible]	[illegible]
NNE	[illegible]	2.[illegible]	1.9	.7	.7	.2						[illegible].7	[illegible]
NE	.2	1.5	1.7	1.2	.2	.2						7.[illegible]	[illegible]
ENE	1.0	.7	1.0	.2								[illegible]	[illegible]
E	.2	.5	.7									1.[illegible]	[illegible]
ESE	.2	.7	1.[illegible]		.2							2.2	7.[illegible]
SE	.2	.5	.5	.7	.2	.7						2.[illegible]	1.[illegible]
SSE	1.[illegible]		.2	.2	.2							1.7	[illegible]
S	1.[illegible]	.7	.7	.5								[illegible]	[illegible]
SSW	1.[illegible]	.7	.5									2.7	4.1
SW	1.7	.7	.5									[illegible]	[illegible]
WSW	.2	1.[illegible]	.2									1.[illegible]	[illegible]
W	1.0	.2										1.[illegible]	[illegible]
WNW	[illegible]	.5	.2									1.2	4.[illegible]
NW		[illegible]										.2	[illegible]
NNW	1.7	[illegible]		.2								2.[illegible]	[illegible]
VARBL													
CALM												.5	
	[illegible].1	12.3	8.7	4.4	1.7	1.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
7365	FT ICHAWSON, AK	77-82	JUL

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.0	.2									.0	1.2
NNE	1.1	2.2	1.4	1.4	.5	.2						6.8	5.6
NE	.3	.6	.9	.9	.9							.1	7.2
ENE	.2		.2									.1	3.2
E	1.7	.2	1.4	.5	.5							4.2	5.2
ESE	.2	.2	1.1									.3	5.5
SE	.2	.6	.6	1.7			.2					.4	12.7
SSE	.2	.2	.2									.2	5.2
S	.2	.6	.2	.6								.4	5.1
SSW	.2	.2										.1	2.5
SW													
WSW	.2	.4	.4									.1	5.3
W	.2											.2	6.2
WNW	.2											.2	1.5
NW													
NNW	.2											.2	1.5
VARBL													
CALM												13.7	
	15.2	6.5	8.2	5.4	1.7	.2	.2					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-81	ALL

CLASS: ALL WEATHER

HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.5	.3	.2								[illegible]	[illegible]
NNE	[illegible]	1.7	1.1	.8	.5	.2						[illegible]	[illegible]
NE	.2	1.2	.5	.6	.3	.2						.4	[illegible]
ENE	1.[illegible]	.7	.7	.1								[illegible]	[illegible]
E	1.[illegible]	.2	.5	.2	.1	.2						[illegible]	[illegible]
ESE	.[illegible]	.6	.6	.5	.[illegible]	.[illegible]	.0					[illegible]	[illegible]
SE	.7	.3	.3	1.1	.5	.2	.					[illegible]	11.[illegible]
SSE	1.4	.5	.5	.5	.0							[illegible]	[illegible]
S	1.[illegible]	.9	.5	.3								[illegible]	[illegible]
SSW	1.4	.	.5	.[illegible]								[illegible]	[illegible]
SW	.[illegible]	.4	.3		.1							1.4	[illegible]
WSW	.[illegible]	.7	.[illegible]		.0							[illegible]	4.4
W	1.2	.5	.[illegible]									1.[illegible]	[illegible]
WNW	.[illegible]	.2	.1									.[illegible]	[illegible]
NW	.1	.[illegible]										.4	[illegible]
NNW	.3	.4	.1	.0								1.[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	1[illegible].5	11.1	.6	4.4	2.1	.6	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL [illegible]
T [illegible]
AT[illegible] SERVICE [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) [illegible] (STATION NAME) 77-8[illegible] (YEARS) MA (MONTH)

ALL [illegible] (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	1.3										[illegible]	[illegible]
NNE	.1	.4	.4									[illegible]	[illegible]
NE	2.[illegible]	.[illegible]	.4									[illegible]	[illegible]
ENE	1.	1.3	.4									[illegible].1	5.7
E	1.[illegible]	.[illegible]	.4									[illegible].1	[illegible]
ESE	.[illegible]											[illegible]	[illegible]
SE			.[illegible]	.4	.4	.4						[illegible].2	14.[illegible]
SSE	.4	.[illegible]			.[illegible]		.[illegible]					[illegible].6	1.[illegible]
S	.4	.[illegible]										1.[illegible]	[illegible]
SSW	1.[illegible]	2.2										2.[illegible]	4.1
SW	.	.1	1.7	.4								[illegible].1	[illegible]
WSW		.[illegible]										.4	[illegible]
W	1.[illegible]											1.[illegible]	[illegible]
WNW	.1	.4										[illegible]	[illegible]
NW	.[illegible]											[illegible]	[illegible]
NNW		.1	.[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]5.4	
	1.7	10.[illegible]	4.4	.5	1.3	.4	.4					[illegible]	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY BRANCH
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[illegible] ATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
736	FT RICHARDSON AK	77-8[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]										[illegible]	[illegible]
NNE	[illegible]	1.[illegible]										[illegible]	[illegible]
NE	[illegible]	1.[illegible]										1.[illegible]	[illegible]
ENE	1.2	1.[illegible]										.1	[illegible]
E	[illegible]	.4	.6	[illegible]	.2							1.[illegible]	[illegible]
ESE	[illegible]	.4	.2	.5								.3	.7
SE	[illegible]	.5	.6	.2	1.7	.4						[illegible]	1.1
SSE	[illegible]	[illegible]	.2	.2	.2	.4						[illegible]	[illegible]
S	1.[illegible]	.4	.4									.1	[illegible]
SSW	1.[illegible]	1.2	.4									.1	[illegible]
SW	[illegible]	[illegible]	.3	.6								[illegible]	[illegible]
WSW	[illegible]		.4									1.[illegible]	[illegible]
W	[illegible]	.2										1.[illegible]	[illegible]
WNW	[illegible]											[illegible]	[illegible]
NW	[illegible]											[illegible]	[illegible]
NNW	[illegible]	[illegible]	.4									1.[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	9.2	3.7	1.9	1.7	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 17-[illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	.4									[illegible]	[illegible]
NNE	1.4	2.2	.6									[illegible]	[illegible]
NE	.1	1.3	.4									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									1.1	[illegible]
E	[illegible]	[illegible]	[illegible]	.6	.2							[illegible]	[illegible]
ESE		[illegible]	.6									1.[illegible]	[illegible]
SE	[illegible]	[illegible]	.5	1.7		[illegible]						[illegible]	[illegible]
SSE			[illegible]	.6	.6	.2						1.7	[illegible]
S	1.7	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	.6	.6								[illegible]	[illegible]
SW	.1	[illegible]	.4	.2								[illegible]	[illegible]
WSW	1.[illegible]	1.[illegible]	1.2									[illegible]	[illegible]
W	3.[illegible]	2.1										[illegible]	[illegible]
WNW	1.[illegible]	[illegible]										[illegible]	[illegible]
NW	[illegible]	[illegible]										1.1	[illegible]
NNW	[illegible]	2.1	.4									4.[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	14.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
726	FT RICHARDSON AK	77-8..	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): 1[illegible]-1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.3	.8									11.[illegible]	[illegible]
NNE	[illegible]	1.7										.4	[illegible]
NE	1.[illegible]	1.1										.7	[illegible]
ENE	.[illegible]	.4	.2	.2								1.[illegible]	[illegible]
E	1.[illegible]	.[illegible]	.4									1.[illegible]	[illegible].4
ESE	.[illegible]	.[illegible]	.[illegible]			.4						.2	.
SE	.	1.[illegible]	.[illegible]	1.5	.2	.4						4.[illegible]	1.[illegible]
SSE	.4	.2	.[illegible]	.[illegible]								1.[illegible]	[illegible]
S	.	.[illegible]	.4	.6								1.7	7.[illegible]
SSW	1.[illegible]	.[illegible]	1.[illegible]	.4								1.[illegible]	[illegible]
SW	1.[illegible]	.	.4	.4								.[illegible]	[illegible]
WSW	[illegible]	1.[illegible]										.[illegible]	[illegible]
W	.[illegible]	4.[illegible]	.2									[illegible]	[illegible]
WNW	1.[illegible]	.[illegible]										1.7	[illegible]
NW	1.[illegible]	1.1										.[illegible]	[illegible]
NNW	.1	4.4	.6									7.1	[illegible]
VARBL													
CALM												[illegible]	
	[illegible].4	[illegible]4.[illegible]	[illegible].[illegible]	[illegible].7	.2	.5						[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
OTIS
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT MCCLELLAN, AL	77-8[illegible]	[illegible]

CLASS: ALL [illegible]

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]										[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]											[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	[illegible]

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.2	.6									[illegible]	[illegible]
NNE	1.7	.3										[illegible]	[illegible]
NE	1.[illegible]	.3	.4									[illegible]	[illegible]
ENE	1.2	.[illegible]	.4									[illegible]	[illegible]
E	.[illegible]	.4	.2	.2		.2						1.[illegible]	[illegible]
ESE	1.0	1.[illegible]	1.7	.4	.2							[illegible].4	[illegible]
SE	.[illegible]	1.2	.6	1.2	.2							[illegible]	.5
SSE	.[illegible]	.8	1.2		.4							.2	[illegible]
S	1.[illegible]	.2	.[illegible]									.5	[illegible]
SSW	1.7	.2	1.[illegible]	1.0								[illegible]	.2
SW	1.2	.[illegible]	.2	.[illegible]								[illegible]	[illegible]
WSW	1.[illegible]	.[illegible]	.4									.5	[illegible]
W	.[illegible]	.5	.2	.2								1.[illegible]	[illegible]
WNW													
NW				.2								.[illegible]	1.[illegible]
NNW	.[illegible]	.2										1.[illegible]	[illegible]
VARBL													
CALM												.6	
	17.3	13.4	7.7	9.0	.8	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR WEATHER SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 735 STATION NAME: FT RICHARDSON, AK YEARS: 77-8 MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	.4									[illegible]	[illegible]
NNE	3.3	1.[illegible]	.3	.[illegible]								[illegible]	[illegible]
NE	1.[illegible]	1.1	.3									[illegible]	[illegible]
ENE	.[illegible]	.[illegible]	.[illegible]	.[illegible]								1.	4.
E	.[illegible]	.5	.4	.[illegible]	.1	.[illegible]						[illegible]	[illegible]
ESE	.6	.7	.7	.3	.	.1						2.4	[illegible]
SE	.4	.[illegible]	.9	.9	.5	.3						3.7	11.[illegible]
SSE	.	.5	.7	.[illegible]	.4	.1	.					[illegible]	[illegible]
S	.	.[illegible]	.4	.1								1.4	4.[illegible]
SSW	1.[illegible]	.6	.6	.5	.[illegible]							[illegible]	[illegible]
SW	1.	.	.5	.4								[illegible].7	[illegible]
WSW	1.[illegible]	1.	.4									[illegible]	[illegible]
W	2.7	2.[illegible]	.1	.[illegible]								4.	[illegible]
WNW	.9	.2	.[illegible]									1.1	[illegible]
NW	.7	.3		.[illegible]								1.0	[illegible]
NNW	[illegible].1	1.	.4									1.4	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	15.[illegible]	[illegible].3	[illegible].8	1.1	.5	.[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) FT RICHARDSON AK (STATION NAME) 77-8[illegible] (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N												[illegible]	[illegible]
NNE	1.7	1.7	.4									[illegible].4	[illegible]
NE	.	1.3	.[illegible]									[illegible]	[illegible].4
ENE	.[illegible]	.4	.4									1.[illegible]	[illegible]
E	.1	.4										[illegible]	[illegible]
ESE	.8	.	1.7	.6								[illegible].4	[illegible]
SE			.	.6								1.[illegible]	11.7
SSE	.[illegible]		.4		.4							1.[illegible]	[illegible]
S	1.7	1.3	.4									.4	[illegible]
SSW	1.7	.4										.1	[illegible]
SW	1.7	2.1	.[illegible]									[illegible]	[illegible]
WSW	.4	.										1.3	[illegible]
W													
WNW				.4								.4	[illegible]
NW													
NNW	.[illegible]											.4	[illegible]
VARBL													
CALM												[illegible].2	
	11.6	[illegible]	[illegible].0	1.3	.4							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR WEATHER SERVICE AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: FT SICHA [illegible] AF YEARS: 77-8[illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	[illegible]										4.1	[illegible]
NNE	.7	1.6	.2	.2								4.1	[illegible]
NE	.2	.4	.4									2.1	[illegible]
ENE	1.4	[illegible]	.4									[illegible].0	.4
E	.2	.2	.2									1.0	4.[illegible]
ESE	.2	.2	1.4	.2								2.0	[illegible]
SE	[illegible]	.2	.2	1.2	.2							[illegible].0	11.2
SSE	.2	.2	.6	.4								[illegible].2	[illegible]
S	.2	.4										1.2	[illegible]
SSW	1.[illegible]	2.[illegible]	.6									4.5	4.[illegible]
SW	.4	.6	.4									1.4	4.[illegible]
WSW	1.[illegible]	1.2	.2									[illegible].4	4.[illegible]
W	[illegible]	.4										2.4	[illegible]
WNW	.[illegible]	.4										.2	4.3
NW	.[illegible]	.2										.4	[illegible]
NNW	.4	.6										1.0	[illegible]
VARBL													
CALM												[illegible].7	
	1.4	[illegible].2	[illegible].5	[illegible].0	.2							1[illegible].[illegible]	1.5

TOTAL NUMBER OF OBSERVATIONS 43

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	FT RICHARDSON AK	77-8[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (LST): 0300-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	3.6	1.4	.2	.2							1.1	[illegible]
NNE	.7	.6	.6									4.2	[illegible]
NE	[illegible]	.5	.5	.6								2.2	[illegible]
ENE	[illegible]	.2										1.[illegible]	[illegible]
E			.4		.2							[illegible]	12.[illegible]
ESE		.2	[illegible]	.6	.2							[illegible]	11.[illegible]
SE	[illegible]	.6	.8	.2	.2							[illegible]	7.[illegible]
SSE	[illegible]	[illegible]	[illegible]	.4								1.[illegible]	7.[illegible]
S	[illegible]	.4		.2								[illegible]	[illegible]
SSW	1.[illegible]	[illegible]	1.[illegible]	.4								3.[illegible]	[illegible]
SW	1.[illegible]	1.[illegible]	.6									4.[illegible]	4.5
WSW	[illegible].2	1.[illegible]	1.0	.4								[illegible].6	4.4
W	.2	4.2										7.3	[illegible].4
WNW	.2	1.6	.4									4.2	[illegible]
NW	[illegible]	1.2	.4									[illegible].4	[illegible]
NNW	[illegible]	2.6	.6									7.1	[illegible]
VARBL													
CALM												24.3	
	[illegible]	[illegible]	[illegible]	[illegible]	.2							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	ST MICHAEL, AK	77-[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	7.3	3.5	.6								[illegible]	[illegible]
NNE	[illegible]	2.2	2.0	.4								7.1	[illegible]
NE	[illegible]	[illegible]	.4									1.[illegible]	[illegible]
ENE	.9	.6	.4									1.[illegible]	[illegible]
E	[illegible]	[illegible]		.4								1.2	[illegible]
ESE		.[illegible]	1.2	.2	.2							[illegible].4	[illegible]
SE	.2	.[illegible]	2.3	.2								[illegible].4	7.[illegible]
SSE	.4	.2	1.6	.6								[illegible]	[illegible]
S	[illegible]	.6	.[illegible]									[illegible].2	4.[illegible]
SSW	.3	.8										1.4	3.7
SW	1.4	.6	.2	.6								[illegible]	[illegible]
WSW	[illegible]	2.2	.2	.2								[illegible].1	4.4
W	4.[illegible]	4.[illegible]	.5									1[illegible].1	3.[illegible]
WNW	[illegible]	3.4	1.[illegible]									7.1	4.4
NW	[illegible].2	3.2	.2									[illegible].7	4.1
NNW	[illegible]	3.[illegible]	.8	.4								[illegible].9	4.4
VARBL													
CALM												1.0	
	[illegible]	32.9	15.4	[illegible]	.2							1[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	FT RICHARDSON AK	77-[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (LST): [illegible]-17[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.[illegible]	4.2	2.[illegible]	.4								1[illegible].3	4.[illegible]
NNE	.[illegible]	2.[illegible]	3.[illegible]	.4								7.[illegible]	[illegible]
NE	1.2	1.7	.2									2.7	4.[illegible]
ENE	.4	.			.[illegible]							1.4	5.4
E	.4	.[illegible]	.2	.2								1.[illegible]	[illegible]
ESE	.[illegible]	.4	1.6	.[illegible]								3.5	[illegible]
SE	.4	1.	.[illegible]	.6								[illegible]	7.7
SSE	.4	2.[illegible]	3.3	.4	.[illegible]							[illegible].3	7.[illegible]
S	.[illegible]	.4	.[illegible]									1.[illegible]	4.
SSW	.	2.[illegible]										.1	4.[illegible]
SW	.[illegible]	1.7	.2	.4								2.7	[illegible]
WSW	1.4	2.[illegible]	.2	.4								4.[illegible]	4.[illegible]
W	3.3	[illegible].2	2.[illegible]	.2								13.7	4.
WNW	2.7	3.1	.4									[illegible].1	3.[illegible]
NW	2.[illegible]	1.3										4.3	3.4
NNW	3.7	3.1	1.2	.2								[illegible]	4.4
VARBL													
CALM												[illegible].2	
	24.7	36.2	16.4	4.1	.4							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 48[illegible]

USAFETAC FORM JUL 54 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION | [illegible] STATION NAME | 77-82 YEARS | [illegible] MONTH

ALL WEATHER CLASS | [illegible] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.6	.7	.2								5.7	[illegible]
NNE	2.[illegible]	1.2	.3									[illegible]	[illegible]
NE	.2	1.3	.[illegible]									[illegible]	[illegible]
ENE	1.[illegible]	.2										1.[illegible]	[illegible]
E	1.1	.4	1.[illegible]	.2								3.[illegible]	[illegible]
ESE	.7	.6	1.2	.7	.2							3.7	[illegible]
SE	.[illegible]	.2	2.[illegible]	1.2	.2							4.[illegible]	[illegible]
SSE	.7	.4	1.1	.7								[illegible]	[illegible]
S	1.[illegible]	.7	1.1	.2								3.3	[illegible]
SSW	1.3	.2	.2									2.4	[illegible]
SW	1.[illegible]	1.3	.4									3.[illegible]	[illegible]
WSW	2.4	1.1	.4									[illegible]	[illegible]
W	4.[illegible]	3.7	.2									[illegible]	[illegible]
WNW	1.1	.4										1.[illegible]	[illegible]
NW	.6											[illegible]	[illegible]
NNW	.4	.7	1.3	.4								2.[illegible]	[illegible]
VARBL													
CALM												[illegible]3.5	
	23.[illegible]	16.5	12.[illegible]	3.7	.4							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
726	FT [illegible]	77-8	

CLASS: ALL WEATHER

HOURS (LST): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	3.9	1.3	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible].1	1.7	1.4	.2								[illegible].3	[illegible]
NE	1.1	[illegible]	[illegible]	.1								[illegible].4	[illegible]
ENE	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
E	.7	[illegible]	[illegible]	.2	[illegible]							[illegible]	[illegible]
ESE	[illegible]	.5	1.3	.5	.1							[illegible]	[illegible]
SE	[illegible]	.5	1.2	.7	.1							[illegible]	[illegible]
SSE	[illegible]	[illegible]	1.4	[illegible]	.1							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	.1								[illegible]	[illegible]
SSW	1.2	1.3	[illegible]	.1								[illegible]	4.4
SW	1.2	1.2	.4	[illegible]								[illegible]	[illegible]
WSW	[illegible]	1.6	.5	[illegible]								4.3	[illegible]
W	3.[illegible]	4.[illegible]	[illegible]	[illegible]								.1	[illegible]
WNW	1.[illegible]	1.7	.3	[illegible]								[illegible]	4.1
NW	1.4	1.2	.1									2.7	[illegible]
NNW	[illegible].3	[illegible]	.7	[illegible]								[illegible]	4.4
VARBL													
CALM												[illegible]	
	23.[illegible]	22.1	11.1	3.1	.4							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 84 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
[illegible] — MONTH

ALL WEATHER — CLASS
[illegible] — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]											1.[illegible]	[illegible]
NNE	[illegible].2	.7	.7									[illegible]	[illegible]
NE	[illegible].2	1.										[illegible]	[illegible]
ENE	1.[illegible]	1.1										[illegible]	[illegible]
E	.2	.7	.4									[illegible].5	[illegible]
ESE		.1	.7									1.1	[illegible]
SE	.4	.4	4.[illegible]	1.1								[illegible]	[illegible]
SSE	.4		.4									.7	[illegible]
S	[illegible]											[illegible]	[illegible]
SSW	1.[illegible]	.7										[illegible]	[illegible]
SW	.5	.7										1.1	[illegible]
WSW	.7	.4										[illegible]	[illegible]
W	.4											.5	[illegible]
WNW	.7	.4										1.1	[illegible]
NW													
NNW													
VARBL													
CALM												[illegible]	
	[illegible]	7.2	6.2	1.1								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
23[illegible]	FT RICHARDSON AK	77-[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].4	2.[illegible]	.4									7.[illegible]	[illegible].4
NNE	[illegible].2	2.4	.4									[illegible]	[illegible].[illegible]
NE	2.4	2.2	.[illegible]									.[illegible]	.
ENE	1.2	.										.[illegible]	[illegible].[illegible]
E	.	.4										.	[illegible].
ESE		.[illegible]	1.[illegible]	.[illegible]								1.[illegible]	[illegible].
SE	.[illegible]	.	2.6	.4								[illegible].[illegible]	[illegible].
SSE			1.[illegible]									1.[illegible]	[illegible].4
S	.[illegible]	.6										1.2	[illegible].
SSW	1.	.[illegible]	.2									.	[illegible].4
SW	1.4	2.[illegible]	.9									4.	[illegible].
WSW	[illegible]	3.[illegible]	.4									7.[illegible]	[illegible].
W	3.	2.[illegible]	.2									[illegible].5	[illegible].
WNW	1.[illegible]	.9										2.4	[illegible].1
NW	.9	.										.2	[illegible].[illegible]
NNW	2.[illegible]	1.[illegible]										1.4	[illegible].
VARBL													
CALM												1.4	
	27.7	22.3	7.6	1.0								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

736 — STATION
FT MCHARDSON AK — STATION NAME
77-5[illegible] — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	5.4	1.2									[illegible]	[illegible]
NNE	.6	2.2	.4									.5	[illegible]
NE	1.	.										1.4	[illegible]
ENE	.[illegible]	.	.2									1.[illegible]	[illegible]
E	.[illegible]	.[illegible]			.[illegible]							.[illegible]	[illegible]
ESE		.[illegible]	.[illegible]	.[illegible]	.2	.2						[illegible]	1[illegible]
SE	.2	.	2.4	1.4	.2	.6						[illegible].5	11.7
SSE	.[illegible]	.[illegible]	.4	.[illegible]								1.6	.
S	.6	.[illegible]		.[illegible]	.2							1.2	[illegible]
SSW	1.2	.[illegible]	.2									[illegible]	[illegible]
SW	[illegible].2	1.5		.2								[illegible]	[illegible]
WSW	[illegible]	4.4	1.2	.2								[illegible]	4.[illegible]
W	[illegible].6	7.4	2.2	.2								1[illegible]	4.4
WNW	[illegible]	2.2	1.									[illegible]	[illegible]
NW	[illegible]	[illegible]										[illegible]	[illegible]
NNW	[illegible]	3.6	.4									7.[illegible]	4.[illegible]
VARBL													
CALM												[illegible]	
	[illegible].1	[illegible].7	1[illegible].2	[illegible].8	.6	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A · PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
USAC
FAT[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT MCCLELLAN, AL	77-8[illegible]	JAN

CLASS: ALL WEATHER

HOURS (LST): 1[illegible]-14[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].2	4.9	1.9									[illegible]	4.[illegible]
NNE	1.[illegible]	1.2	.2									[illegible].2	[illegible]
NE	.2	.[illegible]	.6									1.[illegible]	[illegible]
ENE	1.[illegible]		.2	.2								1.[illegible]	4.4
E	.8	.4	.4									.2	[illegible]
ESE	.[illegible]	.4	1.[illegible]	.[illegible]	.8							[illegible]	1[illegible]
SE		1.[illegible]	2.6	3.2	.5	.[illegible]						[illegible].4	11.[illegible]
SSE	1.2	1.[illegible]	2.4	1.[illegible]	.3							[illegible].4	7.7
S	.4	.4	1.2	.4								2.4	[illegible]
SSW	1.2	.4	.4									[illegible]	4.[illegible]
SW	1.2	1.[illegible]	.6									[illegible].4	4.[illegible]
WSW	1.[illegible]	5.[illegible]	2.[illegible]									[illegible].6	[illegible]
W	[illegible].2	6.4	3.6									1[illegible].1	4.[illegible]
WNW	[illegible].2	4.[illegible]	.8									6.0	4.1
NW	.8	2.[illegible]	.2									3.[illegible]	4.5
NNW	1.[illegible]	3.2	1.[illegible]									6.[illegible]	4.[illegible]
VARBL													
CALM												1[illegible].5	
	24.[illegible]	34.9	18.3	9.6	1.3	.2						1[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
USAF
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT RICHARDSON AK	77-[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	1.[illegible]									[illegible]	[illegible]
NNE	1.0	2.3	.4									[illegible]	[illegible]
NE	.1	.1	.2									[illegible]	[illegible]
ENE	.4	.4	.2									[illegible]	[illegible]
E	.2	.[illegible]	.2									[illegible]	[illegible]
ESE		1.3	3.7	1.2	.4	.2						[illegible]	[illegible]
SE	.[illegible]	1.2	[illegible].6	5.6	2.5	.5	.[illegible]					[illegible]	1.1
SSE	.2	.[illegible]	4.1	2.1	.4							[illegible]	[illegible]
S	.4	.[illegible]	1.2		.4							[illegible]	[illegible]
SSW	.2	1.2	.4									[illegible]	[illegible]
SW	.[illegible]	.4	1.[illegible]									[illegible]	[illegible]
WSW	1.[illegible]	3.1	2.3	.2								[illegible]	[illegible]
W	3.7	1[illegible].1	7.6	.4								[illegible]	[illegible]
WNW	.1	2.1	.6									4.7	[illegible]
NW	.[illegible]	1.2	.2									[illegible]	[illegible]
NNW	2.1	2.1	.6									4.7	[illegible]
VARBL													
CALM												[illegible].1	
	1[illegible].2	[illegible].2	30.2	10.5	3.7	.3	.2					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT MCHARDSON AK	77-86	MAY

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.3										[illegible]	[illegible]
NNE	1.[illegible]	1.1										[illegible]	[illegible]
NE	.9	.6										1.[illegible]	[illegible]
ENE	1.1	.6										1.7	[illegible]
E	1.[illegible]	.4	.5		.4							[illegible]	[illegible]
ESE	.4	2.4	5.9	1.[illegible]	.3	.4						1[illegible].3	[illegible]
SE	1.1	1.3	7.8	5.5	1.5							17.[illegible]	1[illegible].4
SSE	.4	1.1	4.1	1.7	.6							7.6	[illegible]
S	.3	.[illegible]	1.3									[illegible].2	[illegible]
SSW	1.7	1.7	.4									3.[illegible]	[illegible]
SW	1.7	2.6	.9									[illegible]	4.[illegible]
WSW	2.[illegible]	3.[illegible]	1.3									[illegible]	[illegible]
W	2.[illegible]	5.4	3.5									11.[illegible]	[illegible]
WNW	1.1	.6	.2									1.[illegible]	[illegible]
NW	.7											[illegible]	[illegible]
NNW	.4	.7										1.[illegible]	[illegible]
VARBL													
CALM												1 .4	
	1[illegible].0	2[illegible].4	26.[illegible]	9.1	2.8	.4						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY [illegible]
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	FT RICHARDSON AK	77-8	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.0	.8									[illegible]	[illegible]
NNE	2.3	1.7	.3									4.4	[illegible]
NE	1.1	[illegible]	.3									2.4	[illegible]
ENE	.6	.4	.1	.0								1.0	[illegible]
E	.0	.5	.3		.1							1.[illegible]	[illegible]
ESE	.2	.9	2.4	1.0	.3	.1						4.[illegible]	[illegible]
SE	.4	1.1	4.1	3.2	.3	.3	[illegible]					1[illegible]	1[illegible]
SSE	.4	.7	2.2	.9	.2							4.7	2.1
S	.7	.4	.7	.1	.1							[illegible]	[illegible]
SSW	1.3	[illegible]	.3									2.4	[illegible]
SW	1.[illegible]	1.6	.6	.0								3.5	4.5
WSW	[illegible].1	3.6	1.3	.1								7.1	4.7
W	3.[illegible]	5.7	3.[illegible]	.1								1[illegible]	[illegible]
WNW	2.4	1.[illegible]	.5									4.[illegible]	[illegible]
NW	.[illegible]	1.1	.1									1.[illegible]	3.7
NNW	1.[illegible]	1.9	.4									4.1	4.1
VARBL													
CALM												25.[illegible]	
	2[illegible]	26.4	17.2	5.4	1.6	.4	.0					1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 66 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	JUL

CLASS: ALL WEATHER

HOURS (L.S.T.): 0300-0900

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.7										1.7	[illegible]
NNE	1.4	.7										1.7	[illegible]
NE	1.7											1.7	2.5
ENE	1.4											1.4	[illegible]
E	.	.3	.3									1.0	5.7
ESE	.7	.3	.3	.7	.7							2.7	10.[illegible]
SE			1.0	.7								1.7	10.4
SSE	1.0		.7	.3								2.0	3.3
S	.3	.7	.3									1.1	3.1
SSW	2.0	1.4		.3								3.7	3.6
SW	1.4	.7	.7									2.7	4.5
WSW	.7	.7	1.0									2.4	2.3
W	.7	.3										.7	4.0
WNW	.7	.3										.7	3.5
NW	.7											.7	2.0
NNW	2.0											2.0	2.5
VARBL													
CALM												7.8	
	14.6	5.4	4.4	2.0	.7							1[illegible].0	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS 2[illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	JUL

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	1.7	.6									[illegible]	[illegible]
NNE	2.[illegible]	1.[illegible]										7.5	3.[illegible]
NE	1.4	.8										1.7	[illegible]
ENE	1.2	.4	.2									1.7	[illegible].1
E	.5		.6									1.[illegible]	[illegible].6
ESE	.[illegible]	.2	.4	.6								1.9	7.4
SE	.4		.8	.8	.2	.2						[illegible].3	11.3
SSE				[illegible]	.2							.4	14.5
S	1.7	1.[illegible]	.4									3.1	3.6
SSW	3.5	1.[illegible]	.8									[illegible]	2.5
SW	4.3	3.1	.6	.4								5.3	4.[illegible]
WSW	4.7	3.9	.6	.2								9.3	3.8
W	2.9	2.7										5.6	[illegible].3
WNW	1.7	.8										2.5	2.9
NW	.8	.2										1.0	2.2
NNW	.6	1.2										1.7	3.7
VARBL													
CALM												43.7	
	[illegible].3	1.[illegible]	4.9	[illegible].1	.4	.2						100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]AL CLIMATOLOGY [illegible]CH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT RICHARDSON AK	77-8[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]-11[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.[illegible]	2.7	.2									[illegible].7	[illegible]
NNE	[illegible].1	2.1	.2	.2								4.7	4.[illegible]
NE	1.6	1.[illegible]		.2								2.7	[illegible]
ENE	.4	.4	.2									1.[illegible]	4.6
E	.4	.[illegible]										1.2	[illegible]
ESE			.[illegible]	.6								1.2	11.[illegible]
SE		.4	.[illegible]	.6	.8							[illegible]	12.[illegible]
SSE	.[illegible]		.[illegible]		.2							1.2	.[illegible]
S	.6	1.[illegible]	.2									1.7	[illegible]
SSW	1.4	1.[illegible]	.2	.6								4.[illegible]	[illegible]
SW	1.[illegible]	1.6	.8	.4								[illegible].3	5.4
WSW	4.5	2.[illegible]	1.2	.2								[illegible]	4.2
W	7.[illegible]	6.2	1.4									14.5	[illegible]
WNW	[illegible].1	3.5										8.6	[illegible].4
NW	2.1	.6										2.7	[illegible]
NNW	4.1	2.7										6.[illegible]	[illegible]
VARBL													
CALM												7.7	
	34.7	[illegible]7.3	6.4	3.9	1.0							1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]16

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

736 — STATION
FT RICHARDSON AK — STATION NAME
77-3[illegible] — YEARS
JU[illegible] — MONTH

ALL WEATHER — CLASS
[illegible] — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.3	.4									[illegible]	[illegible]
NNE	1.[illegible]	1.5	.2									[illegible]	[illegible]
NE	1.2	1.2										[illegible]	[illegible]
ENE	.[illegible]	.[illegible]										1.2	[illegible]
E	.4											.4	1.5
ESE	.[illegible]	1.[illegible]	.[illegible]	.4								[illegible]	[illegible]
SE		1.2	3.1	1.2	.6	.2						[illegible]	10.5
SSE		[illegible]	1.4	.2								[illegible]	7.[illegible]
S	1.[illegible]	1.[illegible]	.6	.2								2.7	5.1
SSW	1.2	1.2	1.0	.2								[illegible]	[illegible]
SW	1.[illegible]	1.7	.8	.6								4.7	5.7
WSW	4.3	4.1	1.9	.4								10.7	4.5
W	7.2	7.0	2.7	.6								16.4	4.5
WNW	2.[illegible]	2.[illegible]	.6									6.0	4.2
NW	1.7	1.[illegible]	.4									[illegible]	3.5
NNW	3.2	2.7	.6									7.[illegible]	3.7
VARBL													
CALM												18.2	
	32.5	31.2	13.4	3.7	.6	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]16

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	JUL

CLASS: ALL WEATHER

HOURS (L.S.T.): 1500-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.6	.6									[illegible]	[illegible]
NNE	1.6	.3	.6									[illegible]	[illegible]
NE	.5	1.0										1.5	[illegible]
ENE	.5	.6										1.2	[illegible]
E	.4		.6									1.0	[illegible]
ESE	.4	.4	2.5	1.6	.6	.4	.2					[illegible]	12.[illegible]
SE	.7	1.4	2.6	1.1	.2							7.7	[illegible]
SSE	.4	1.2	.7	.8	.2							3.1	.2
S	.5	1.[illegible]	.4	.2								2.6	[illegible]
SSW	.2	2.[illegible]	.4	.4								3.[illegible]	[illegible]
SW	.6	1.3	.4	.6								3.3	[illegible]
WSW	3.3	5.3	3.0									11.6	4.[illegible]
W	3.5	[illegible].6	6.7									12.9	5.4
WNW	2.5	2.2	.9									5.5	4.1
NW	1.[illegible]	.8										2.5	[illegible]
NNW	3.[illegible]	1.6	.2									4.7	[illegible]
VARBL													
CALM												17.7	
	2[illegible].2	32.1	13.7	6.7	1.2	.4	.2					1[illegible]0.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY [illegible]
[illegible]
[illegible] SERVICE [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION | FT MCCLELLAN AK STATION NAME | 77-8[illegible] YEARS | [illegible] MONTH

ALL WEATHER CLASS | [illegible] HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.[illegible]	.3	.4									[illegible]	[illegible]
NNE	1.0	.4										1.[illegible]	[illegible]
NE	.[illegible]	.3										1.2	[illegible]
ENE	1.4	.4										1.[illegible]	[illegible]
E	.3	.4	.4									1.[illegible]	[illegible]
ESE	.3	1.2	2.2	.6	.6	.2						.2	[illegible]
SE		1.[illegible]	4.5	3.0	1.2							2.5	1.[illegible]
SSE	.4	1.4	2.3	.2								4.5	7.3
S	.5	.6	1.2									.2	[illegible]
SSW	1.3	2.5	1.2	.2								5.7	4.5
SW	2.5	1.4	1.[illegible]									[illegible].1	3.[illegible]
WSW	5.7	4.7	1.2									11.[illegible]	3.5
W	4.1	.3	2.2	.2								14.[illegible]	4.[illegible]
WNW	1.2	1.4	.2									2.6	4.[illegible]
NW	1.3	.2										1.2	2.3
NNW	1.[illegible]	.4										2.2	.7
VARBL													
CALM												[illegible].4	
	25.6	25.8	16.9	4.3	1.8	.2						1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT RICHARDSON AK	77-82	JUL

CLASS: ALL WEATHER

HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.[illegible]	1.[illegible]	.4									[illegible]	[illegible]
NNE	1.7	1.3	.2	.[illegible]								[illegible].2	[illegible]
NE	1.2	.[illegible]		.[illegible]								1.[illegible]	[illegible].4
ENE	.[illegible]	.4	.1									1.[illegible]	[illegible].1
E	.4	.2	.3									.[illegible]	[illegible]
ESE	.4	.[illegible]	1.1	.7	.[illegible]	.1	.[illegible]					[illegible]	1[illegible]
SE	.1	.7	2.[illegible]	1.6	.5	.1						[illegible].1	10.[illegible]
SSE	.[illegible]	.6	1.[illegible]	.3	.1							[illegible]	[illegible]
S	1.[illegible]	.[illegible]	.5	.1								[illegible]	4.[illegible]
SSW	1.[illegible]	1.7	.6	.3								4.4	4.[illegible]
SW	[illegible]	1.[illegible]	.7	.4								4.[illegible]	4.[illegible]
WSW	4.[illegible]	3.7	1.5	.1								[illegible].4	4.4
W	4.5	6.3	2.3	.1								1[illegible].2	4.[illegible]
WNW	.[illegible]	2.[illegible]	.3									4.[illegible]	[illegible].7
NW	1.4	.5	.1									[illegible].6	[illegible].1
NNW	[illegible].6	1.5	.1									4.[illegible]	[illegible]
VARBL													
CALM												[illegible]1.2	
	[illegible]	[illegible]4.7	11.2	3.7	.9	.2	.[illegible]					1[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
FATH SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
70E	FT RICHARDSON AK	77-8	JUL

CLASS: ALL WEATHER

HOURS (L.S.T.): 0000-2400

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	.3									.0	.0
NNE	1.7	1.7										.0	3.0
NE	1.4	1.7										.1	2.7
ENE	1.[illegible]	.7										3.7	.0
E		.3										.3	.0
ESE		.7	.7									1.4	.0
SE	.7		.3	.3	.7							.1	10.7
SSE	.7	.3	1.0									.1	9.7
S	.1	.7	.7									3.0	5.0
SSW	.7	1.4										.1	.0
SW	.[illegible]	.3										.7	3.3
WSW	1.3	.7	.3									.1	4.0
W	.7											.7	4.0
WNW	.[illegible]	.7										1.0	3.0
NW	.3											.3	.0
NNW													
VARBL													
CALM												74.7	
	11.1	10.0	3.1	.3	.7							1[illegible].3	1.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
ATHER SERVIC /MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT RICHARDSON AK	77-8[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.[illegible]	1.[illegible]										[illegible].5	[illegible]
NNE	[illegible].3	2.5	.4									[illegible]	[illegible]
NE	[illegible].3	1.6	[illegible]									4.[illegible]	[illegible]
ENE	.4	.4										[illegible]	[illegible]
E	.4		[illegible]									[illegible]	[illegible]
ESE			.2	[illegible]								1.[illegible]	11.[illegible]
SE		[illegible]	1.[illegible]	[illegible]								[illegible]	[illegible]
SSE	.4	.2	.2									[illegible]	[illegible]
S	.6	.2	.2									1.6	4.[illegible]
SSW	1.[illegible]	1.[illegible]	.4									3.7	[illegible].7
SW	2.7	1.[illegible]	.4									4.[illegible]	3.[illegible]
WSW	2.7	2.3	.2									[illegible].3	3.8
W	2.3	1.8										[illegible].7	[illegible].1
WNW	1.[illegible]	.[illegible]										1.8	3.[illegible]
NW	.[illegible]											.3	[illegible]
NNW	1.2	.4										1.[illegible]	[illegible]
VARBL													
CALM												[illegible].3	
	[illegible]	15.[illegible]	3.7	1.6								[illegible]	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY B A.CH
USTAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-8[illegible]	JUL

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	3.3	1.2									[illegible]	[illegible]
NNE	.2	2.5										4.7	[illegible]
NE	.	1.4										[illegible]	[illegible]
ENE	1.	.4										1.4	[illegible]
E			.2									.	.
ESE	.		.5									.	[illegible]
SE	.	.2	1.		.2							1.6	.
SSE	.3		.2	.4								1.	[illegible]
S	1.	.3	.2	.2								[illegible]	[illegible]
SSW	1.	1.2	.2	.2								[illegible]	[illegible]
SW	1.	2.7	.2									4.7	[illegible]
WSW	3.	3.1	.3									7.3	[illegible]
W	5.	5.7	.8									12.3	[illegible]
WNW	2.7	1.6	.2									4.5	[illegible]
NW	1.4	2.										[illegible]	[illegible]
NNW	1.	2.										4.1	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	7.1	5.3	.8	.2							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 OL-A JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]AL CLIMATOLOGY BRANCH
[illegible]FTAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible]736 — STATION
FT RICHARDSON, AK — STATION NAME
77-8[illegible] — YEARS
[illegible] — MONTH

ALL WEATHER — CLASS
[illegible]00-14[illegible] — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.[illegible]	4.3	.6									[illegible]	[illegible]
NNE	[illegible].3	1.2	.4									4.[illegible]	[illegible].4
NE	1.[illegible]	[illegible]	.4									.2	[illegible]
ENE	.[illegible]											.2	[illegible].7
E	.[illegible]											.6	[illegible]
ESE	.[illegible]	.2	.[illegible]		.4							1.0	[illegible]
SE	.[illegible]	.[illegible]	1.2									[illegible]	[illegible].7
SSE	.[illegible]	.9	.6	.8								[illegible]	[illegible]
S	[illegible]	1.6	.2									[illegible].7	[illegible].7
SSW	[illegible].2	1.2	.[illegible]									[illegible].1	4.[illegible]
SW	.[illegible]	1.4	.4									2.[illegible]	4.[illegible]
WSW	[illegible]	3.1	1.[illegible]									[illegible].4	4.[illegible]
W	[illegible].7	5.7	1.[illegible]									13.[illegible]	[illegible]
WNW	1.[illegible]	3.3	.4									[illegible].5	4.[illegible]
NW	1.[illegible]	2.[illegible]										3.[illegible]	[illegible]
NNW	[illegible].7	1.[illegible]	.2									4.5	[illegible].1
VARBL													
CALM												1.[illegible]	
	31.7	26.[illegible]	9.[illegible]	.4	.4							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] OLDA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] METEOROLOGY BRANCH
[illegible]
[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
730	FT RICHARDSON AK	77-82	JUL

CLASS: ALL WEATHER

HOURS (L.S.T.): 1500-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.[illegible]	2.4	.4									[illegible]	[illegible]
NNE	2.4	1.[illegible]	.2									3.[illegible]	[illegible]
NE	1.[illegible]	1.[illegible]										[illegible]	[illegible]
ENE	.[illegible]	1.4										[illegible]	[illegible]
E	.	.4	.2									1.[illegible]	4.[illegible]
ESE			[illegible]	.4								[illegible]	1.[illegible]
SE	.2	.4	1.2	1.[illegible]								3.6	1.[illegible]
SSE	.4	1.6	1.4	.2								3.6	[illegible]
S	1.[illegible]	.3	1.[illegible]	.2								3.[illegible]	[illegible]
SSW	[illegible].2	1.[illegible]	1.2									3.4	4.[illegible]
SW	1.[illegible]	1.[illegible]	.4									3.[illegible]	4.[illegible]
WSW	3.[illegible]	4.[illegible]	1.6									9.4	4.5
W	4.[illegible]	8.[illegible]	4.[illegible]	.6								17.4	[illegible]
WNW	1.[illegible]	1.4	.4									3.4	4.1
NW	1.[illegible]	.4	.2									.4	[illegible]
NNW	1.4	1.4	.2									.2	.7
VARBL													
CALM												7.4	
	[illegible]	7.8	14.4	3.6								1.0.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	JUL

CLASS: ALL WEATHER

HOURS (L.S.T.): 1300-2300

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	.3	.6									2.4	3.[illegible]
NNE	1.9	1.1	.2									3.2	2.[illegible]
NE	.[illegible]	1.1										1.7	3.[illegible]
ENE	.2	.2										1.1	2.4
E	.4	.4	.2									1.1	4.[illegible]
ESE		.7	2.3	.8								3.[illegible]	7.[illegible]
SE	.4	1.3	3.2	1.1								5.9	[illegible]
SSE	.7	1.[illegible]	1.9	.4								4.6	7.1
S	1.9	2.1	.6	.2								4.[illegible]	4.[illegible]
SSW	2.[illegible]	1.3	.6									4.4	3.[illegible]
SW	2.[illegible]	1.7	.4									4.6	3.7
WSW	3.4	3.[illegible]	.6									7.6	[illegible]
W	4.4	5.5	1.1									10.9	4.[illegible]
WNW	.6	.[illegible]										1.2	4.[illegible]
NW	.4											.4	2.[illegible]
NNW	1.9	.2										1.7	2.[illegible]
VARBL													
CALM												[illegible]	
	2[illegible].3	2[illegible].3	11.[illegible]	2.5								1[illegible].2	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
STAC
FATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726 — STATION
FT RICHARDSON AK — STATION NAME
77-8[illegible] — YEARS
JUL — MONTH
ALL [illegible] — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.4	.5									[illegible]	[illegible]
NNE	2.[illegible]	1.7	.2									4.4	[illegible]
NE	1.3	1.1	.2									2.[illegible]	[illegible]
ENE	.5	.6										1.2	[illegible]
E	.4	.3	.1									.[illegible]	[illegible]
ESE	.1	.2	1.1	.4	.1							1.9	[illegible]
SE	.3	.6	1.4	.7	.1							3.0	[illegible]
SSE	.[illegible]	.7	.9	.3								2.3	[illegible]
S	1.5	1.[illegible]	.5	.1								3.1	[illegible]
SSW	1.6	1.2	.5	.0								3.4	[illegible]
SW	1.[illegible]	1.7	.3									3.6	[illegible]
WSW	2.2	3.[illegible]	.9									7.2	[illegible]
W	4.3	4.7	1.3	.1								1[illegible].4	[illegible]
WNW	1.4	1.5	.2									[illegible].1	3.7
NW	1.1	.3	.0									1.6	3.[illegible]
NNW	1.[illegible]	1.1	.1									2.7	[illegible]
VARBL													
CALM												2.2	
	[illegible].3	2.5	8.2	1.6	.2							1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 2799

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

AL CLIMATOLOGY BRANCH
USETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
T36	FT RICHARDSON AK	77-82	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7										1.3	[illegible]
NNE	[illegible]	.7										1.[illegible]	[illegible]
NE	[illegible].3											[illegible].3	[illegible]
ENE	[illegible]	.3										.3	[illegible]
E	.7											.7	[illegible]
ESE		.7	.3									.7	[illegible]
SE		.7		.7								.7	[illegible]
SSE	.7	.7	.3									1.[illegible]	[illegible]
S	[illegible]		.7									[illegible].3	[illegible]
SSW	[illegible].3			.7								[illegible]	[illegible]
SW	.7	.3										.7	[illegible]
WSW	1.[illegible]											1.[illegible]	[illegible]
W	.3											.3	[illegible]
WNW	.7											.7	[illegible]
NW													
NNW	.3	.7										.7	[illegible]
VARBL													
CALM												1.4	
	17.4	5.6	1.0	.7								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

.73E — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
AL — MONTH
ALL WEATHER — CLASS
0000-0300 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.8										2.5	3.[illegible]
NNE	1.4	.8										2.3	3.7
NE	1.[illegible]	.9		.2								2.1	3.[illegible]
ENE	.2	.8										1.2	.7
E	.2	.4										.6	.7
ESE	.4	.2										.6	[illegible]
SE	.2	.4	.2	.2								.9	6.6
SSE	.4	.2	.2									.9	3.8
S	1.9		.2									2.1	[illegible]
SSW	2.5	1.1	.2									3.8	[illegible]
SW	1.[illegible]	1.3	.6									3.2	4.4
WSW	1.9	1.5	.2									3.6	3.[illegible]
W	1.9	.4										2.3	2.[illegible]
WNW	1.1	.2										1.3	.1
NW													
NNW	.2	.4										.9	[illegible]
VARBL													
CALM												71.7	
	17.5	8.9	1.5	.4								100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 522

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible]736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
AUG — MONTH
ALL WEATHER — CLASS
[illegible]-12[illegible] — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.7	3.2	.2									[illegible].1	[illegible]
NNE	4.5	1.1	.6									[illegible].2	[illegible]
NE	.[illegible]	.4										.[illegible]	[illegible]
ENE	.[illegible]	.6										1.1	[illegible].7
E	.[illegible]	.[illegible]										.[illegible]	[illegible]
ESE			.2									.2	7.
SE	.[illegible]		.2									.4	[illegible]
SSE	.4	.5	.2		.2							1.3	[illegible]
S	.4	.4	.6									1.[illegible]	[illegible]
SSW	.[illegible]	2.3	.4									[illegible].4	4.3
SW	1.2	1.1	.5									[illegible]	3.9
WSW	4.5	1.5										[illegible].1	[illegible].7
W	3.[illegible]	2.7	.6									7.2	[illegible]
WNW	2.[illegible]	.2										3.[illegible]	[illegible]
NW	1.7	.2										1.9	[illegible]
NNW	2.3	1.1										4.3	[illegible]
VARBL													
CALM												45.5	
	22.9	16.7	3.6		.2							[illegible]	1.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
73E	FT RICHARDSON AK	77-82	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]-14[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	4.4	.6									1[illegible]	[illegible]
NNE	4.7	1.9										[illegible]	[illegible]
NE	1.9	.9	.6									[illegible]	[illegible]
ENE	.2		.2									.4	[illegible]
E	.6											[illegible]	[illegible]
ESE		.4	.8	.2								1.3	[illegible]
SE	.4	.6	.8	.2								1.9	[illegible]
SSE	.4	.2	1.1	.6								[illegible]	[illegible]
S	1.7	.4										[illegible]	[illegible]
SSW	[illegible].1	1.1	.4									3.5	[illegible]
SW	1.[illegible]	1.3	.4									[illegible]	4.1
WSW	1.7	3.[illegible]	.4									[illegible]	4.3
W	4.4	3.3	1.3									[illegible]	4.1
WNW	[illegible].1	1.7	.2									4.3	[illegible]
NW	1.5	.9										[illegible]	3.1
NNW	4.9	1.1	.2									[illegible]	[illegible]
VARBL													
CALM												[illegible].4	
	34.3	[illegible]1.8	6.[illegible]	.9								100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT RICHARDSON AK	77-8[illegible]	A[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): 1[illegible]00-17[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].2	2.3	.2									[illegible].7	[illegible]
NNE	4.2	2.1	.2									[illegible]	[illegible]
NE	1.[illegible]	.2		.2								[illegible]	[illegible]
ENE	.[illegible]	.[illegible]										1.3	[illegible]
E	.[illegible]	.2	.2	.2								1.[illegible]	[illegible]
ESE	.	.4	1.	.2								1.7	7.[illegible]
SE	.[illegible]	1.[illegible]	3.7	.8	.4							[illegible]	[illegible]
SSE	.8	.6	1.[illegible]	.4								[illegible]	[illegible]
S	1.9	.4	.4									[illegible].3	[illegible]
SSW	1.7	1.9										[illegible].7	[illegible]
SW	1.[illegible]	1.9										[illegible].7	[illegible]
WSW	[illegible].3	[illegible]	.6									[illegible].8	4.3
W	3.8	3.[illegible]	.8									[illegible].1	4.[illegible]
WNW	1.7	1.2	.2									[illegible].1	[illegible]
NW	1.[illegible]	.[illegible]	.4									2.[illegible]	3.[illegible]
NNW	3.[illegible]	1.5										[illegible].4	[illegible]
VARBL													
CALM												11.9	
	32.[illegible]	24.6	8.5	1.7	.4							1.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	.[illegible]	.2									[illegible]	[illegible]
NNE	1.2	.2										1.4	[illegible]
NE	.[illegible]											.[illegible]	[illegible]
ENE	.[illegible]	.2										1.[illegible]	[illegible]
E	.[illegible]		.4	.2								1.2	[illegible]
ESE	.4	.[illegible]	1.[illegible]	.4								[illegible]	[illegible]
SE	.6	1.[illegible]	3.6	.6	.4							[illegible]	[illegible]
SSE	1.[illegible]	.8	1.2									[illegible]	[illegible]
S	[illegible]	1.2	.[illegible]									[illegible]	[illegible]
SSW	3.6	1.[illegible]										4.[illegible]	[illegible]
SW	[illegible]	1.6	.8									4.6	4.5
WSW	5.[illegible]	2.4	.4									7.7	[illegible]
W	2.4	1.2	.2									[illegible]	[illegible]
WNW	.[illegible]	.[illegible]										1.6	[illegible]
NW		.2										.2	[illegible]
NNW	.2	.2										.4	[illegible]
VARBL													
CALM												5.2	
	[illegible]	11.5	8.3	1.2	.4							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
8 — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.8	2.1	.2									6.7	[illegible]
NNE	2.0	1.2	.1									4.3	[illegible]
NE	1.4	.4	.1	.1								[illegible]	[illegible]
ENE	.7	.4	.0									1.2	[illegible]
E	.3	.2	.1	.1								.7	4.1
ESE	.2	.3	.5	.1								1.2	[illegible]
SE	.3	.5	1.5	.7	.1							[illegible]	[illegible]
SSE	.7	.4	.7	.2	[illegible]							2.3	[illegible]
S	1.3	.4	.4									2.4	[illegible]
SSW	[illegible].1	1.7	.2	.0								3.7	[illegible]
SW	1.[illegible]	1.4	.4									[illegible].3	4.1
WSW	2.[illegible]	2.5	.3									5.7	[illegible]
W	3.[illegible]	2.1	.5									[illegible]	3.7
WNW	1.6	.8	.1									2.4	[illegible]
NW	.8	.4	.1									1.[illegible]	3.1
NNW	2.3	.[illegible]	.0									[illegible].1	2.[illegible]
VARBL													
CALM												2.4	
	25.1	15.4	5.2	.8	.2							1[illegible].0	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
LTAC
EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

.736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	.4									1.5	[illegible]
NNE	2.[illegible]	.4										[illegible]	[illegible]
NE	1.[illegible]		.7	.4								[illegible]	[illegible]
ENE													
E	.7		1.8	.7								[illegible]	7.7
ESE	.7		1.1	1.4								[illegible]	.7
SE		.[illegible]	.7	.7								1.[illegible]	[illegible]
SSE	.9		2.1	.7								[illegible]	[illegible]
S	1.[illegible]											1.[illegible]	[illegible]
SSW	[illegible].1	.4	.4									[illegible]	[illegible]
SW	1.[illegible]	1.1		.[illegible]								[illegible]	4.[illegible]
WSW	1.4											1.[illegible]	[illegible]
W	.[illegible]											.7	[illegible]
WNW		.[illegible]										.7	[illegible]
NW	.4											.7	[illegible]
NNW			.4									.4	[illegible]
VARBL													
CALM												[illegible]	
	1.1	[illegible]	7.8	4.3								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) FT RICHARDSON AK (STATION NAME) 77-8[illegible] (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	.6									1.[illegible]	[illegible]
NNE	.0	.[illegible]										[illegible]	[illegible]
NE	[illegible]	.2	.7									1.[illegible]	[illegible]
ENE	.[illegible]	.6										1.[illegible]	[illegible]
E	.[illegible]	.4	.7	.4								1.[illegible]	[illegible]
ESE	.[illegible]	.2	1.[illegible]	1.4	.2							[illegible]	[illegible]
SE	.[illegible]	.4	1.[illegible]	1.2								[illegible]	[illegible]
SSE		.[illegible]	2.[illegible]	.2								[illegible]	[illegible]
S	1.[illegible]	.4	.4									[illegible]	[illegible]
SSW	.2	.6	.4									[illegible]	[illegible]
SW	.	.2	.4	.4								1.[illegible]	[illegible]
WSW	.[illegible]	.4										.[illegible]	[illegible]
W	.4	.4										.[illegible]	[illegible]
WNW													
NW			.2									.2	[illegible]
NNW	.											.[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	11.[illegible]	5.3	.5	[illegible]	.2							[illegible]	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: FT RICHARDSON AK YEARS: 77-82 MONTH:

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.7	1.6	.2									.7	[illegible]
NNE	[illegible]	1.2	.4									[illegible]	1.1
NE	1.[illegible]											1.[illegible]	[illegible]
ENE	1.2		.4									1.[illegible]	[illegible]
E	.[illegible]	.4	.6									1.[illegible]	[illegible]
ESE	.[illegible]	.[illegible]	1.[illegible]	1.6	.6							[illegible].7	1.[illegible]
SE		.[illegible]	1.4	1.2								.[illegible]	[illegible]
SSE	.2	.[illegible]	2.[illegible]	.4								[illegible]	[illegible]
S	1.[illegible]	.2	.4									1.[illegible]	[illegible]
SSW	1.[illegible]	1.[illegible]	.4									.[illegible]	[illegible]
SW	2.[illegible]	.4	1.[illegible]									4.3	[illegible]
WSW	.1	1.[illegible]	.4									[illegible]	[illegible]
W	.1	1.[illegible]										.1	[illegible]
WNW	.[illegible]	.[illegible]										.[illegible]	[illegible]
NW	.4	.2										.[illegible]	[illegible]
NNW	1.[illegible]	.4										1.4	.7
VARBL													
CALM												.1	
	27.2	13.[illegible]	[illegible].4	3.7	.[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

/3 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
— MONTH

ALL WEATHER — CLASS
1[illegible]2-14[illegible] — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	4.1	.2									[illegible]	[illegible]
NNE	.3	1.4	.3									7.[illegible]	[illegible]
NE	1.2	1.	.2									2.[illegible]	[illegible]
ENE		.9	.2									.[illegible]	7.[illegible]
E	1.	.2	1.0									3.3	[illegible]
ESE		.[illegible]	1.[illegible]	1.0	.2	.2	.2					4.1	13.7
SE		.4	1.[illegible]	.6								3.1	[illegible]
SSE	.[illegible]	.[illegible]	1.[illegible]	.4								2.3	[illegible]
S	1.2	1.2	.2									3.7	[illegible]
SSW	[illegible]	1.5	.6	.2								4.5	4.4
SW	1.	.5	.8	.4								3.[illegible]	4.[illegible]
WSW	3.1	3.7	.4									6.[illegible]	5.7
W	3.	1.[illegible]										5.1	3.1
WNW	1.[illegible]	.		.2								2.[illegible]	[illegible]
NW	1.[illegible]	1.[illegible]										[illegible].9	[illegible]
NNW	3.7	2.9	.2	.2								7.0	[illegible].3
VARBL													
CALM												2.4	
	32.[illegible]	62.1	9.[illegible]	3.3	.2	.2	.2					1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 4[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
7[illegible]	FT. RICHARDSON AK	77-E[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): 1[illegible]-1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.9	.2									[illegible]	[illegible]
NNE	2.3	1.5	1.2									2.[illegible]	[illegible]
NE	1.7	.6	.4	.2								[illegible]	[illegible]
ENE	.5	.4	.8									1.[illegible]	[illegible]
E	1.2	.5	.6	.2								2.7	[illegible]
ESE	.4	.6	1.[illegible]	.6		.6						3.3	1.[illegible]
SE	.2	.4	2.5	.8		.4						4.4	1.[illegible]
SSE	[illegible]	.8	.8	.2		.2						2.7	[illegible]
S	.2	[illegible]	.4	.4								1.[illegible]	[illegible]
SSW	1.2	.2	.2	.2								1.2	3.[illegible]
SW	[illegible]	1.7	.2									2.7	4.[illegible]
WSW	2.7	1.7	.6									[illegible]	[illegible]
W	1.7	1.5	.2									.3	[illegible]
WNW	1.2	1.7										2.9	4.4
NW	1.[illegible]	.4										1.[illegible]	3.[illegible]
NNW	3.1	1.2	.4									4.6	3.[illegible]
VARBL													
CALM												43.7	
	2[illegible].6	17.1	9.6	2.7		1.2						100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
726	FT RICHARDSON AK	77-8[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): 1200-[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1	.2									[illegible]	4.4
NNE	1.[illegible]	.4	.2	.2								[illegible]	4.1
NE	.7	.7	.4									1.7	[illegible]
ENE	.[illegible]	1.1	.7									[illegible]	4.[illegible]
E	1.7	1.1	.4	.2								[illegible]	[illegible]
ESE	.7	1.[illegible]	2.[illegible]	.7	.2							[illegible]	7.7
SE	.[illegible]	1.1	1.7	1.3		.4						4.[illegible]	10.[illegible]
SSE	2.2	.9	1.3		.2							4.[illegible]	[illegible]
S	.2	.7	.7									[illegible]	[illegible]
SSW	1.[illegible]	1.5	.7									3.[illegible]	4.6
SW	.2	.9										1.7	[illegible]
WSW	.[illegible]	.7	.2									1.7	[illegible]
W	.2	.7										.9	[illegible]
WNW	.4											.4	[illegible]
NW	.[illegible]											.[illegible]	[illegible]
NNW	.7	.2	.2									1.1	[illegible]
VARBL													
CALM												[illegible].7	
	1[illegible].2	12.4	9.7	2.4	.4	.4						1[illegible].2	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	ALL

CLASS: ALL WEATHER

HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.[illegible]	.3									[illegible].4	5.4
NNE	3.1	1.[illegible]	.4	.0								[illegible].5	[illegible]
NE	1.2	.4	.3	.1								[illegible]	4.[illegible]
ENE	.6	.4	.4									1.4	4.[illegible]
E	1.[illegible]	.2	.7	.2								2.4	[illegible].4
ESE	.5	.6	1.2	1.1	.2	.3	.0					5.5	1[illegible]
SE	.3	.	1.6	1.5		.1						3.4	[illegible]
SSE	.6	.6	1.5	.3	.0	.0						[illegible].1	7.[illegible]
S	1.2	.5	.4	.1								2.4	4.2
SSW	1.[illegible]	.3	.4	.1								[illegible].1	4.1
SW	1.[illegible]	.8	.4	.2								[illegible].4	4.7
WSW	1.9	1.4	.3									3.6	[illegible]
W	2.[illegible]	.2	.0									[illegible].2	[illegible].1
WNW	.6	.5		.5								1.2	3.[illegible]
NW	.7	.3	.0									1.0	3.2
NNW	1.7	.9	.2	.0								2.8	3.4
VARBL													
CALM												33.9	
	21.[illegible]	12.4	8.2	3.2	.3	.4	.0					100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 2689

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
OCT — MONTH

ALL WEATHER — CLASS
0300-[illegible] — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.2										.1	3.5
NNE	2.6	1.6										4.3	3.1
NE	1.4	.7										2.1	2.[illegible]
ENE	1.8	.7	.4									2.[illegible]	4.[illegible]
E	1.8	.4	.7									2.[illegible]	3.7
ESE		.[illegible]	1.1				.4					1.6	12.[illegible]
SE	1.5	.7		1.1								3.5	5.8
SSE	2.9	1.1	.7	.4								5.0	4.4
S	1.[illegible]	.7	.4	.4								3.2	4.[illegible]
SSW	1.[illegible]	.7	1.4									3.9	5.6
SW	.4	1.1		.4								1.[illegible]	5.2
WSW	1.4		.7									2.1	3.[illegible]
W	.7											.7	4.5
WNW													
NW													
NNW		.4										.4	5.[illegible]
VARBL													
CALM												63.9	
	1[illegible].3	5.9	3.4	2.1			.4					100.0	1.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAC
ATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT WICHAMPSON AK	77-8[illegible]	OCT

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	.[illegible]	.4									.[illegible]	4.[illegible]
NNE	3.2	1.2										4.2	[illegible]
NE	1.[illegible]	1.2	.6									[illegible].4	4.1
ENE	1.4	.6		.2								[illegible].2	4.[illegible]
E	2.2	.[illegible]	.4									[illegible].4	[illegible].4
ESE	.[illegible]	.4	.4		.4							1.[illegible]	7.[illegible]
SE	1.[illegible]		.4	1.2								[illegible].2	[illegible]
SSE	.[illegible]	.[illegible]	.4									1.[illegible]	4.[illegible]
S	2.4	.[illegible]	.6									3.[illegible]	[illegible]
SSW	1.6	1.[illegible]	1.[illegible]	.2								4.4	5.7
SW	.4		.6									1.[illegible]	[illegible]
WSW	1.2	.[illegible]										[illegible].0	3.[illegible]
W	.4											.4	1.[illegible]
WNW	.4				.2							.6	[illegible]
NW	.4		.2									.[illegible]	4.[illegible]
NNW	.2	.[illegible]										.[illegible]	4.[illegible]
VARBL													
CALM												[illegible].7	
	[illegible]	[illegible].5	[illegible].6	1.6	.6							1[illegible].0	1.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	OCT

CLASS: ALL WEATHER

HOURS (L.S.T.): 000-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	1.2	.2									4.7	2.7
NNE	3.6	1.2	.2									5.0	2.7
NE	2.8	.8	.2									3.8	2.3
ENE	2.[illegible]	.8	1.2									4.0	4.1
E	.8	.2		.2								1.2	4.7
ESE		.2	.2									.4	6.2
SE	.8	.2	.4	1.0		.4						2.8	11.2
SSE	.8	.2	.8			.2						1.8	7.4
S	1.4	.6	.8									2.8	5.2
SSW	1.6	1.6	1.4	.2								4.8	5.4
SW	1.0	.8	.4									2.0	4.4
WSW	2.0	1.6	.4									4.0	3.[illegible]
W	.8	.6										1.4	3.3
WNW	.4											.8	2.5
NW	.4	.2										.6	2.7
NNW	1.0											1.0	1.4
VARBL													
CALM												[illegible].1	
	23.8	9.9	6.2	1.4		.6						100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 504

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
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EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
73E	FT RICHARDSON AK	77-80	DEC

CLASS: ALL WEATHER

HOURS (L.S.T.): 1500-1400

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.4	.6									[illegible]	[illegible]
NNE	5.7	3.6										9.3	3.1
NE	2.4	1.9	.5	.2								4.3	4.[illegible]
ENE	1.9	.2	.2	.2								1.9	4.6
E	.4	.6	.5									1.6	8.[illegible]
ESE	.6	.6	.2	.2								1.9	5.[illegible]
SE	.4	.2	.4	.6	.2							1.[illegible]	7.3
SSE	.9		.4	.4								1.4	7.[illegible]
S	1.2	1.4	.4									3.0	4.2
SSW	2.4	1.4	1.2	.2								5.1	4.8
SW	1.2	.[illegible]	1.0	.2								3.2	5.4
WSW	2.4	1.2										3.6	2.5
W	.[illegible]2	1.4	.2									3.8	3.4
WNW	1.4	.2										1.6	2.3
NW	1.4	.4										1.[illegible]	[illegible]
NNW	1.[illegible]	1.2	.2									2.4	3.[illegible]
VARBL													
CALM												45.5	
	23.6	16.4	6.3	3.0	.2							100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 506

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
73A	FT RICHARDSON AK	77-82	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): 1500-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0	1.8	.2									6.0	3.1
NNE	3.6	2.0	.8									[illegible]	3.1
NE	2.[illegible]	1.4										4.[illegible]	3.[illegible]
ENE	1.4	.6		.2								2.2	3.[illegible]
E	1.2	1.4	.6									3.8	4.[illegible]
ESE	.6	.4	1.[illegible]									2.8	[illegible].4
SE	.4	.4	.6	.8	.2							2.4	10.2
SSE	.[illegible]	.6	.4	.2								1.8	5.[illegible]
S	.4	1.2	.2									1.8	4.[illegible]
SSW	1.4	1.6	1.4									4.4	4.[illegible]
SW	1.6	.4	1.0									3.0	4.[illegible]
WSW	.6	.2	.4									1.2	4.3
W	1.0	.6	.2									1.8	3.8
WNW		.2	.2									.4	7.[illegible]
NW	.4	.4	.2									1.0	3.[illegible]
NNW	1.0	.4	.2									2.0	2.[illegible]
VARBL													
CALM												[illegible]3.4	
	24.0	1[illegible].7	7.5	1.2	.2							1[illegible]0.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 4[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

70E — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
[illegible] — MONTH

ALL WEATHER — CLASS
[illegible] — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	.2									[illegible]	[illegible]
NNE	4.0	1.5	.2									5.7	[illegible]
NE	1.7	1.9	.4									4.2	4.4
ENE	1.1	.4	.2	.2								1.9	4.
E	.2	.4	.4									1.0	[illegible]
ESE	.6	.6	.4	.4	.2	.2						2.5	[illegible]
SE	.2	.2	.6	.2	.4							2.3	[illegible]
SSE	.2	.2	1.1	.6								2.7	[illegible]
S	1.1	.6	.4									2.3	[illegible]
SSW	2.1	1.7	.6	.2	.2							4.9	[illegible]
SW	.4	.6	.6									1.7	[illegible]
WSW	.4	.4										.8	[illegible]
W	.2		.2									.4	[illegible]
WNW		.4	.4									.8	[illegible]
NW	.2	.2										.4	[illegible]
NNW	.2		.2									.8	[illegible]
VARBL													
CALM												4.5	
	15.9	10.6	6.3	1.7	.8	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible]736 — STATION
FT [illegible]SON AK — STATION NAME
77-82 — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.[illegible]	1.4	.3									4.5	[illegible]
NNE	4.[illegible]	1.8	.2									[illegible].7	[illegible]
NE	[illegible].1	1.2	.4	.0								3.[illegible]	[illegible].7
ENE	1.4	.5	.3	.1								[illegible].4	4.[illegible]
E	1.[illegible]	.7	.5	.0								[illegible].2	4.5
ESE	.4	.4	.5	.1	.1	.[illegible]	.[illegible]					1.7	7.7
SE	.2	.3	.4	.3	.1	.1						[illegible].3	6.[illegible]
SSE	.0	.4	.6	.3		.[illegible]						[illegible].2	[illegible]
S	1.3	.9	.5	.0								[illegible]	4.7
SSW	1.[illegible]	1.4	1.3	.1	.[illegible]							4.5	[illegible]
SW	.0	.[illegible]	.7	.1								[illegible].1	[illegible]
WSW	1.3	.[illegible]	.2									[illegible].3	[illegible]
W	.[illegible]	.[illegible]	.1									1.[illegible]	3.4
WNW	.[illegible]	.1	.1		.[illegible]							.[illegible]	4.[illegible]
NW	.[illegible]	.2	.1									.3	[illegible]
NNW	.[illegible]	.4	.1									1.4	[illegible]
VARBL													
CALM												[illegible].7	
	[illegible]2.4	11.5	[illegible].3	1.6	.3	.1	.0					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	ALL

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]										1.[illegible]	[illegible]
NNE	[illegible].7	1.4										4.1	[illegible]
NE	[illegible].3	.5	1.4		.2							[illegible]	7.1
ENE	.[illegible]	.[illegible]	.[illegible]									[illegible].5	[illegible]
E	1.[illegible]	1.[illegible]										[illegible].2	[illegible]
ESE	1.4	.5	.5									[illegible].3	[illegible]
SE	.[illegible]			.[illegible]								1.4	1[illegible].7
SSE	.[illegible]		.5	.5								1.[illegible]	[illegible]
S	1.9	.3	.5			.[illegible]						[illegible].7	[illegible]
SSW	.[illegible]	.[illegible]	.9									[illegible].2	[illegible]
SW	.[illegible]			.5								.[illegible]	[illegible]
WSW	.[illegible]		.5									1.4	[illegible]
W	.[illegible]	.[illegible]										1.4	[illegible]
WNW		.[illegible]										.[illegible]	[illegible]
NW													
NNW		.[illegible]										.[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	1[illegible].5	.1	[illegible]	1.[illegible]	.[illegible]	.5						1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]21

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

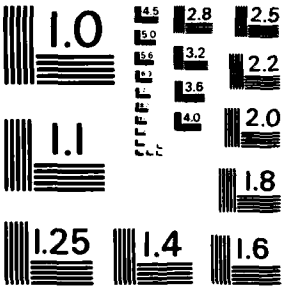
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.9	.2									[illegible]	4.7
NNE	2.[illegible]	1.5			.2							4.5	4.[illegible]
NE	3.[illegible]	1.5	.6	.2	.4	.2						[illegible]	[illegible]
ENE	2.											[illegible]	[illegible]
E	1.7	.6	.2			.2						[illegible]	4.[illegible]
ESE	.[illegible]	.4	.4	.4	.4							1.[illegible]	10.7
SE	.[illegible]	.2		.4	.2			.2				1.7	11.[illegible]
SSE	.[illegible]	.2		.6		.2						1.1	11.[illegible]
S	.9	1.1	.6	.6								[illegible]	[illegible]
SSW	1.[illegible]	1.1	.4	.8								[illegible]	[illegible]
SW	.[illegible]	.2	.4	.2	.2							1.5	[illegible]
WSW		1.1		.2								1.3	[illegible]
W	.4	.6	.4									1.5	4.7
WNW		.[illegible]										.6	4.[illegible]
NW		.[illegible]										.2	4.[illegible]
NNW		.4										.4	4.[illegible]
VARBL													
CALM												3.3	
	15.[illegible]	11.7	3.4	3.4	1.5	.6		.2				1[illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 471

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A134 207 FT RICHARDSON ALASKA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOC..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 15 AUG 83 2/4

UNCLASSIFIED USAFETAC/DS-83/029 SBI-AD-E850 425 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-6	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]-11[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.5	.4									[illegible]	[illegible]
NNE	4.2	1.3	.6			.2						7.2	[illegible]
NE	.3	1.1			.4							[illegible]	4.7
ENE	1.1	.2										1.3	[illegible]
E	1.1	.4			.4							1.9	[illegible].7
ESE	.2		.4	.4	.4	.2						.3	1[illegible]
SE	.4	.2		.6	.4	.4	.2					.5	15.2
SSE	.2	.2		.4	.4			.2				.1	11.[illegible]
S	.1	.5	.6		.2							[illegible]	4.5
SSW	.2	.2	.4	.4								[illegible]	6.1
SW	.2	.5	.2	.4								[illegible]	7.[illegible]
WSW	.4	.2	.4		.2							1.3	[illegible]
W	.2	.6	.2									1.[illegible]	4.7
WNW	.2	.2	.2									1.1	4.[illegible]
NW													
NNW	.2	.2	.2									.6	[illegible]
VARBL													
CALM												[illegible].3	
	1[illegible].8	7.4	4.4	2.3	2.5	.8	.2	.2				[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS 474

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible]736 — STATION
FT RICHARDSON AK — STATION NAME
77-8[illegible] — YEARS
[illegible] — MONTH

ALL WEATHER — CLASS
[illegible]-1[illegible] — HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].7	1.7	.2									[illegible].1	[illegible]
NNE	[illegible].4	2.5	.2									[illegible].1	3.4
NE	[illegible].1	.5	.2									[illegible]	[illegible].4
ENE	.4	.4	.2									1.1	4.[illegible]
E	1.1	.4										1.[illegible]	[illegible].7
ESE	.[illegible]	.5				.4						1.7	[illegible].1
SE			.[illegible]		1.1	1.1	.2					2.[illegible]	[illegible]1.[illegible]
SSE	.4	.6		.2	.4							1.7	[illegible]
S	.2	.[illegible]	.8	.4								[illegible]	[illegible]
SSW	1.[illegible]	.9	.6	.2								[illegible].2	[illegible]
SW	.[illegible]	.8	.8	.2								[illegible]	[illegible]
WSW	.	1.7	.4									[illegible].2	4.[illegible]
W	.[illegible]	.4	.2									1.3	[illegible]
WNW	.4	.2										.8	[illegible]
NW		.[illegible]										.[illegible]	4.[illegible]
NNW													
VARBL													
CALM												[illegible]3.3	
	[illegible].5	12.0	4.0	1.1	1.5	1.5	.2					1[illegible].[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS 474

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
NOV — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4										1.5	[illegible]
NNE	4.1	.5	1.1									5.6	3.2
NE	1.2	.5	.2									2.1	[illegible]
ENE	2.4	1.3	.4									4.1	3.4
E	.6	.4		.2	.2							1.5	[illegible]
ESE	.2	.4	.2	.2								1.7	[illegible]
SE	.2	.2	.4	.4	1.3	.4						3.0	13.4
SSE	.2	.2	.2	.2	.4							1.3	11.5
S	1.2	1.1	.6	.2								3.2	[illegible]
SSW	.2	[illegible]	.9	.2								2.1	[illegible]
SW	.4	[illegible]	.2									1.[illegible]	[illegible]
WSW	.2	.2	.2									1.3	3.2
W	.6	.2										.9	[illegible]
WNW													
NW		.4										.4	4.5
NNW	.4	.2										.6	[illegible]
VARBL													
CALM												44.5	
	1.[illegible]	8.1	4.5	1.5	1.9	.4						100.0	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS 467

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	NC

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.3										2.4	[illegible]
NNE	1.8	.7	.7									3.1	3.5
NE	1.1	.7	.4									2.2	4.7
ENE	1.2	.4										2.3	2.[illegible]
E	1.1	.9		.2								2.2	4.7
ESE	.7	.9	.2	.4		.2						2.4	7.7
SE	.4	.4	.4		.4	1.3						3.1	14.[illegible]
SSE	1.3			.2								2.4	6.7
S	.4	1.6	.9	.2								3.1	6.4
SSW	.2	.4	.7	.2								2.2	5.[illegible]
SW	.4	.4	.2	.2								1.3	5.5
WSW	.4	.2										.7	3.3
W													
WNW	.4	.2	.2									.9	4.[illegible]
NW													
NNW	.7	.2										.9	6.[illegible]
VARBL													
CALM												71.0	
	12.[illegible]	6.4	3.5	2.2	.4	1.6						1[illegible].0	1.7

TOTAL NUMBER OF OBSERVATIONS 4 1

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]735	FT RICHARDSON AK	77-8[illegible]	N[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.2	.2									[illegible]	[illegible]
NNE	1.3	1.3	.5		.0	.1						[illegible]	[illegible]
NE	2.2	.9	.4	.0	.2	.0						3.[illegible]	4.7
ENE	1.0	.5	.2									[illegible]	[illegible]
E	1.1	.7	.0	.1	.1	.0						2.1	4.[illegible]
ESE	.7	.5	.3	.3	.2	.2						2.1	7.0
SE	.4	.2	.2	.4	.6	.5	.1	.0				2.4	15.6
SSE	.7	.2	.1	.4	.2	.1		.0				1.7	9.[illegible]
S	1.1	1.0	.7	.7	.0	.0						3.2	[illegible]
SSW	.2	.8	.6	.4								2.7	[illegible]
SW	.8	.5	.5	.2	.0							1.9	6.1
WSW	.5	.6	.2	.0	.0							1.3	4.7
W	.[illegible]	.4	.2									1.1	4.[illegible]
WNW	.[illegible]	.7	.1									.7	[illegible]
NW		.[illegible]										.2	4.[illegible]
NNW	.2	.2	.0									.5	[illegible].7
VARBL													
CALM												16.1	
	15.7	9.4	4.1	2.1	1.5	.9	.1	.1				100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]736	FT RICHARDSON AK	77-82	D,C

CLASS: ALL WEATHER

HOURS (L.S.T.): 0300-[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	.4	.4									[illegible].7	[illegible].7
NNE	[illegible].7	1.3	.6	.4								[illegible].4	4.[illegible]
NE	[illegible].4	1.3	.9									7.6	[illegible].4
ENE	2.7	.9	.9	.4								4.9	4.4
E	1.[illegible]	1.3	.9									[illegible].9	[illegible].1
ESE	.9	.4										1.3	[illegible]
SE	.4		.9	.4		.4	.4					2.7	13.7
SSE		.4	.4	.4								1.3	[illegible].3
S	.9	.4										1.3	[illegible]
SSW	1.7	.4										1.8	3.
SW	.9			.4								1.3	6.7
WSW		.4										.4	4.5
W													
WNW	.4											.4	[illegible]
NW													
NNW	.4		.4									.9	6.7
VARBL													
CALM												4.3	
	12.2	7.6	5.8	2.2		.4	.4					1[illegible].0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-0-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-6[illegible]	DEC

CLASS: ALL WEATHER

HOURS (L.S.T.): 0600-0[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.6										1.8	3.5
NNE	.1	1.6		.2								4.9	2.3
NE	.3	.6	.6									4.5	.4
ENE	.2	1.2	.5	.4								4.5	4.4
E	.0	.6		.2	.2							.1	4.5
ESE	.4	.2	.2	.4		.4						1.6	11.4
SE	.4	.4		.4	.2	.2	.4					.2	14.5
SSE	.3	.2		.2			.2					.0	7.3
S	.5	.6		.2								1.2	4.5
SSW	.[illegible]	.4										1.2	3.3
SW	1.2	.2	.4	.4								.2	6.[illegible]
WSW													
W	.[illegible]	.4	.2									.8	4.[illegible]
WNW		.4	.2									.6	5.7
NW	.[illegible]											.2	2.[illegible]
NNW	.[illegible]	.2		.2								.8	6.3
VARBL													
CALM												6.5	
	1.6	8.4	.2	2.7	.4	.6	.6					100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 48[illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-8	DEC

CLASS: ALL WEATHER

HOURS (L.S.T.): 0000-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.4	.2									1.8	2.4
NNE	2.0	.6	.8	.4								3.8	4.1
NE	3.6	1.4	.8									5.8	3.4
ENE	2.2	.8	.2									3.2	3.1
E	2.2	.4	.4	.4								3.4	4.7
ESE	.8	.4	.2									1.4	3.6
SE	.6	.4	.2	.4		.6	.4	.2				2.8	11.6
SSE	.8	.6	.2	.4								1.8	4.3
S	1.8	.8			.2							1.8	2.1
SSW		.4	.2									.6	6.5
SW	.6	.2	.4									1.2	3.5
WSW		.4		.2								.6	7.1
W	.2		.2									.4	2.5
WNW	.4			.2								.6	6.3
NW													
NNW	.4											.4	2.5
VARBL													
CALM												7.1	
	15.2	6.9	3.9	2.0	.2	.6	.4	.2				100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 495

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	DEC

CLASS: ALL WEATHER

HOURS (L.S.T.): 1000-1400

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.3										2.5	[illegible]
NNE	3.5	1.2	.8	.4								6.2	4.2
NE	4.1	.8	.2									5.1	2.5
ENE	.6	1.2	.4									2.1	4.6
E	1.1	.6	.4									2.1	3.5
ESE	1.2	.4	.2		.2							2.1	4.5
SE	.2			.4	.4	.6	.4	.4				2.4	22.2
SSE	1.2	.2		.6			.2					2.3	7.7
S	1.8	1.2										3.0	3.4
SSW	.6	.4	.4									1.4	4.5
SW		.4	.2									.6	5.5
WSW		.4										.4	4.[illegible]
W	.4	.4										.8	4.3
WNW	.2		.2									.4	4.5
NW	.2											.2	[illegible]
NNW													
VARBL													
CALM												5.4	
	17.2	7.8	2.9	1.4	.6	.6	.6	.4				1.6.5	[illegible]

TOTAL NUMBER OF OBSERVATIONS 487

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
FETAC
EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	DEC

CLASS: ALL WEATHER

HOURS (L.S.T.): 1500-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.2	.2									[illegible]	[illegible]
NNE	2.1	1.5	.4	.6								4.7	[illegible]
NE	2.5	.6										3.2	2.9
ENE	2.3	.2										2.5	[illegible]
E	1.9	.2	.4	.2								2.7	4.1
ESE	1.1		.2		.2			.4				1.9	13.[illegible]
SE	.2			.4	.6	.2		.4				1.9	[illegible].7
SSE	.5	.2	.2			.4						1.5	[illegible].4
S	1.1											1.1	2.4
SSW	.5	.8	.5									2.3	4.[illegible]
SW		.4	1.3									1.7	7.6
WSW		.2	.2	.2								.6	9.[illegible]
W		.8										.6	4.3
WNW	.4	.2										.6	3.[illegible]
NW		.2	.2									.4	7.[illegible]
NNW	.4	.6	.2									1.3	4.[illegible]
VARBL													
CALM												70.1	
	15.3	6.8	4.0	1.5	.8	.6		.8				100.0	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS 472

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
STAC
FATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
73E	FT RICHARDSON AK	77-82	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.4	.5									[illegible]	[illegible]
NNE	3.4	1.4	.7	.7								[illegible]	[illegible]
NE	[illegible].3	1.1	.7									[illegible]	[illegible]
ENE	.9	1.[illegible]	.2									[illegible].7	[illegible]
E	.5		.5	.2								1.1	6.5
ESE	.7	.2	.2	.2				.2				1.6	[illegible].7
SE	.7	.2	.2	.5								1.6	[illegible]
SSE	.7	.2	.2	.5		.5						[illegible]	10.6
S	.9		.2	.2								1.4	[illegible]
SSW	1.1	.7	.7									[illegible]	4.[illegible]
SW	.7		.5									1.1	[illegible]
WSW	.[illegible]	.2	.2									.7	4.7
W		.7	.2									.9	[illegible]
WNW													
NW	.5	.2										.7	[illegible]
NNW	.5	.2										.7	[illegible]
VARBL													
CALM												[illegible]	
	14.[illegible]	[illegible].1	5.0	2.3		.5		.2				100.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 483

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
735	FT RICHARDSON AK	77-82	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.7	.2									[illegible]	[illegible]
NNE	[illegible]	1.3	.6	.5								[illegible]	[illegible]
NE	3.4	1.[illegible]	.5									[illegible]	[illegible]
ENE	[illegible]	1.1	.3	.1								[illegible]	[illegible]
E	1.7	.9	.4	.2	[illegible]							[illegible]	[illegible]
ESE	.[illegible]	.3	.2	.1	.1	.1		.1				[illegible]	[illegible]
SE	.4	.2	.2	.4	.2	.3	.[illegible]	.2				[illegible]	[illegible]
SSE	.7	.4	.2	.3		.2	.1					[illegible]	[illegible]
S	1.0	.[illegible]	.2	.1	.0							[illegible]	[illegible]
SSW	.7	.6	.3									[illegible]	[illegible]
SW	.[illegible]	.2	.5	.1								[illegible]	[illegible]
WSW	.[illegible]	.3	.1	.1								.[illegible]	[illegible]
W	.[illegible]	.4	.1									.7	[illegible]
WNW	.[illegible]	.1	.1	.0								.[illegible]	[illegible]
NW	.2	.1	.0									.3	[illegible]
NNW	.3	.2	.1	.[illegible]								.[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	16.1	7.6	[illegible].8	2.0	.4	.6	.3	.3				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY ARCH
CTAC
EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

LOCATION
SEE PAGE

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT RICHARDSON AK	77-8[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	2.[illegible]	.4	.[illegible]	.0							.[illegible]	[illegible]
NNE	2.0	1.[illegible]	.5	.1	.1	.[illegible]						.0	[illegible]
NE	1.[illegible]	.3	.3	.1	.1	.0						.2	[illegible]
ENE	1.1	.[illegible]	.2	.[illegible]	.0							.3	[illegible]
E	.[illegible]	.4	.4	.1	.0	.0		.0				[illegible]	[illegible]
ESE	.4	.[illegible]	.9	.[illegible]	.0	.1	.[illegible]	.[illegible]				.3	.[illegible]
SE	.[illegible]	.[illegible]	1.2	1.0	.3	.[illegible]	.[illegible]	.0				[illegible]	[illegible]
SSE	.7	.[illegible]	.3	.4	.1	.3	.[illegible]	.0				[illegible]	7.[illegible]
S	1.2	.7	.4	.1	.0	.3						[illegible]	[illegible]
SSW	1.3	1.[illegible]	.5	.1	.[illegible]							.1	[illegible]
SW	1.1	.0	.[illegible]	.2	.0							.7	[illegible]
WSW	1.[illegible]	1.7	.5	.0	.0							.1	[illegible]
W	.3	2.4	.7	.0								.[illegible]	[illegible]
WNW	1.1	.0	.2	.[illegible]	.0							.0	[illegible]
NW	.7	.[illegible]	.[illegible]	.0								1.2	[illegible]
NNW	1.[illegible]	1.[illegible]	.2	.0								.7	[illegible]
VARBL													
CALM												.1	
	[illegible]2.1	15.[illegible]	7.8	[illegible]	.[illegible]	.3	.1	.0				1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]1,E4

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

USE [illegible] SEE [illegible] PAGE

736 — STATION
FT RICHARDSON AK — STATION NAME
77-8[illegible] — YEARS
ALL — MONTH

INSTRUMENT — CLASS
ALL — HOURS (L.S.T.)

CIG 300 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE — CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].1	1.4	.1	.0								4.6	[illegible]
NNE	3.[illegible]	1.1	.2									4.[illegible]	[illegible]
NE	1.[illegible]	1.[illegible]	.2									3.0	[illegible]
ENE	.7	.4	.2									1.[illegible]	4.[illegible]
E	.7	.2	.1									1.0	3.[illegible]
ESE	.3		.3									.3	[illegible].1
SE	.2		.2		.2							.7	[illegible].6
SSE	.[illegible]	.1	.1									.4	4.4
S	1.7	.5	.3	.0								[illegible].1	[illegible]
SSW	1.[illegible]	1.4	1.2	.2								4.4	[illegible]
SW	1.[illegible]	1.[illegible]	1.2	.2	.0							4.7	[illegible].4
WSW	1.4	2.1	.6	.0								4.2	4.4
W	1.[illegible]	1.1	.1									[illegible]	[illegible]
WNW	.7	.3										1.0	[illegible]
NW	.4	.2	[illegible]									.7	[illegible].6
NNW	.7	.3	.0									1.1	[illegible]
VARBL													
CALM												[illegible]2.7	
	[illegible].1	12.2	4.5	.6	.1							100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

D

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 736 FT RICHARDSON AK 78-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

20.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	43.1	43.1	43.1	43.1	45.1	45.8
20.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	43.1	43.1	43.1	43.1	45.1	45.8
20.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	43.1	43.1	43.1	43.1	45.1	45.8
20.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.8	43.8	43.8	43.8	45.8	46.4
21.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.4	44.4	44.4	44.4	46.4	47.1
23.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	46.4	46.4	46.4	46.4	48.4	49.0
23.5	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	47.1	47.1	47.1	47.1	49.0	49.7
23.5	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	47.1	47.1	47.1	47.1	49.0	49.7
24.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	52.3	52.3	52.3	52.3	54.2	54.9
26.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	60.1	60.1	60.1	60.1	62.1	62.7
30.7	63.4	63.4	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.7	64.7	64.7	64.7	66.7	67.3
34.0	70.6	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.9	71.9	71.9	71.9	73.9	74.5
35.9	75.2	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.5	76.5	76.5	76.5	78.4	79.1
39.2	81.0	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	83.0	83.0	83.0	83.0	85.0	85.6
39.2	81.0	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	83.0	83.0	83.0	83.0	85.0	85.6
39.2	83.0	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	85.0	85.0	85.0	85.0	86.9	87.6
39.2	83.0	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	85.0	85.0	85.0	85.0	86.9	87.6
39.9	84.3	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	86.3	86.3	86.3	86.3	88.2	88.9
39.9	84.3	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	86.3	86.3	86.3	86.3	88.2	88.9
39.9	84.3	85.6	86.3	86.9	86.9	87.6	87.6	87.6	87.6	88.2	88.2	88.2	88.2	90.2	90.8
39.9	84.3	85.6	86.3	86.9	86.9	87.6	87.6	87.6	87.6	88.2	88.2	88.2	88.2	90.2	90.8
39.9	85.6	86.9	87.6	88.9	88.9	89.5	89.5	89.5	89.5	90.2	90.2	90.2	90.2	92.2	92.8
39.9	85.6	86.9	87.6	88.9	88.9	89.5	89.5	89.5	89.5	90.2	90.2	90.2	90.2	92.2	92.8
39.9	85.6	86.9	87.6	89.5	89.5	90.2	90.8	90.8	90.8	91.5	91.5	91.5	91.5	93.5	94.1
39.9	85.6	86.9	87.6	89.5	89.5	90.2	90.8	90.8	90.8	91.5	91.5	91.5	91.5	93.5	94.1
39.9	85.6	86.9	87.6	89.5	89.5	90.2	90.8	90.8	90.8	91.5	91.5	91.5	91.5	93.5	94.1
39.9	85.6	86.9	87.6	89.5	89.5	92.2	92.8	92.8	92.8	93.5	93.5	93.5	93.5	95.4	96.1
39.9	85.6	86.9	87.6	89.5	89.5	92.2	92.8	92.8	92.8	93.5	93.5	93.5	93.5	95.4	96.1
39.9	85.6	86.9	87.6	89.5	89.5	92.2	92.8	93.5	93.5	94.1	94.1	94.1	94.1	96.1	96.7
39.9	85.6	86.9	87.6	89.5	89.5	93.5	94.1	94.8	94.8	95.4	95.4	95.4	95.4	97.4	98.0
39.9	85.6	86.9	87.6	89.5	89.5	93.5	94.1	94.8	94.8	95.4	95.4	95.4	95.4	99.3	100.0
39.9	85.6	86.9	87.6	89.5	89.5	93.5	94.1	94.8	94.8	95.4	95.4	95.4	95.4	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 153

USAFETAC 14-5 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

/ 2736 FT RICHARDSON AK 77-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

17.5	33.8	33.8	34.0	34.3	34.6	34.6	34.6	34.6	34.8	35.1	35.1	35.1	35.1	35.9	36.1
18.3	35.3	35.3	35.6	35.9	36.1	36.1	36.1	36.1	36.4	36.6	36.6	36.6	36.6	37.4	37.7
18.3	36.4	36.4	36.6	36.9	37.2	37.2	37.2	37.2	37.4	37.7	37.7	37.7	37.7	38.5	38.7
18.6	37.7	37.7	38.0	38.2	38.5	38.5	38.5	38.5	38.7	39.0	39.0	39.0	39.0	39.8	40.1
18.8	38.2	38.2	38.5	38.7	39.0	39.0	39.0	39.0	39.3	39.5	39.5	39.5	39.5	40.3	40.6
18.9	38.7	38.7	39.0	39.3	39.5	39.5	39.5	39.5	39.8	40.1	40.1	40.1	40.1	40.8	41.1
19.4	41.6	41.6	41.9	42.1	42.4	42.4	42.4	42.4	42.7	42.9	42.9	42.9	42.9	43.7	44.0
19.6	42.7	42.7	42.9	43.2	43.5	43.5	43.5	43.5	43.7	44.0	44.0	44.0	44.0	44.8	45.0
21.2	48.7	48.7	49.0	49.2	49.5	49.5	49.7	49.7	50.0	50.3	50.3	50.3	50.3	51.0	51.3
23.3	55.2	55.2	55.5	55.8	56.0	56.0	56.3	56.3	56.5	56.8	56.8	56.8	56.8	57.6	57.9
27.2	62.6	62.6	62.8	63.1	63.4	63.4	63.6	63.6	63.9	64.1	64.1	64.1	64.1	64.9	65.2
33.0	72.3	72.3	72.5	72.8	73.0	73.0	73.3	73.3	73.6	73.8	73.8	73.8	73.8	74.9	75.1
36.1	77.7	77.7	78.0	78.3	78.5	78.5	78.8	78.8	79.1	79.3	79.3	79.3	79.3	80.4	80.6
36.6	82.2	82.2	82.5	83.0	83.2	83.2	83.5	83.5	83.8	84.0	84.0	84.0	84.0	85.1	85.3
37.7	83.5	83.5	84.0	84.6	84.8	84.8	85.1	85.1	85.3	85.6	85.6	85.6	85.6	86.6	86.9
38.0	84.8	84.8	85.3	85.9	86.1	86.4	86.6	86.6	86.9	87.2	87.2	87.2	87.2	88.2	88.5
38.0	85.1	85.1	85.6	86.1	86.4	86.6	86.9	86.9	87.2	87.4	87.4	87.4	87.4	88.5	88.7
38.5	86.1	86.4	87.2	87.7	88.0	88.5	88.7	88.7	89.0	89.3	89.3	89.3	89.3	90.3	90.6
38.5	86.1	86.4	87.2	87.7	88.0	88.5	88.7	88.7	89.0	89.3	89.3	89.3	89.3	90.3	90.6
38.7	86.9	87.2	88.0	88.5	88.7	89.3	89.5	89.5	89.8	90.1	90.1	90.1	90.1	91.1	91.4
38.7	87.2	87.4	88.2	88.7	89.0	89.8	90.1	90.1	90.3	90.6	90.6	90.6	90.6	91.6	91.9
38.7	87.4	87.7	88.5	89.3	89.5	90.3	90.6	90.6	91.1	91.4	91.4	91.4	91.4	92.4	92.7
38.7	87.4	87.7	88.5	89.3	89.5	90.6	90.8	90.8	91.4	91.6	91.6	91.6	91.6	92.7	92.9
38.7	87.4	87.7	88.7	89.5	89.8	90.8	91.4	91.4	91.9	92.1	92.1	92.1	92.1	93.2	93.5
38.7	88.0	88.2	89.3	90.1	90.3	91.4	92.1	92.1	92.7	92.9	92.9	92.9	92.9	94.0	94.2
38.7	88.0	88.2	89.3	90.1	90.3	91.4	92.1	92.1	92.7	92.9	92.9	92.9	92.9	94.0	94.2
38.7	88.0	88.2	89.3	90.1	90.3	92.1	93.2	93.2	93.7	94.0	94.0	94.0	94.0	95.0	95.3
38.7	88.0	88.2	89.3	90.1	90.3	92.1	93.2	93.2	93.7	94.2	94.2	94.2	94.2	95.3	95.8
38.7	88.0	88.2	89.3	90.1	90.3	92.1	93.2	93.2	94.2	94.8	94.8	94.8	94.8	96.1	97.1
38.7	88.0	88.2	89.3	90.1	90.3	92.4	93.5	93.5	94.5	95.0	95.0	95.0	95.3	96.6	97.6
38.7	88.2	88.5	89.5	90.8	91.1	93.5	94.5	94.5	96.3	96.9	96.9	97.1	97.4	98.7	100.0
38.7	88.2	88.5	89.5	90.8	91.1	93.5	94.5	94.5	96.3	96.9	96.9	97.1	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 382

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

21.1	30.2	30.2	30.4	30.9	30.9	31.4	31.4	31.4	31.8	32.1	32.1	32.8	32.8	32.8	33.0
23.8	33.7	33.7	34.0	34.4	34.4	34.9	34.9	34.9	35.4	35.6	35.6	36.3	36.3	36.3	36.6
24.5	34.4	34.4	34.7	35.2	35.2	35.6	35.6	35.6	36.1	36.3	36.3	37.1	37.1	37.1	37.3
25.4	35.4	35.4	35.6	36.1	36.1	36.6	36.6	36.6	37.1	37.3	37.3	38.0	38.0	38.0	38.2
25.9	35.9	35.9	36.1	36.6	36.6	37.1	37.1	37.1	37.5	37.8	37.8	38.5	38.5	38.5	38.7
26.1	36.3	36.3	36.6	37.1	37.1	37.5	37.5	37.5	38.0	38.2	38.2	39.0	39.0	39.0	39.2
26.6	39.4	39.4	39.7	40.1	40.1	40.6	40.6	40.6	41.1	41.3	41.3	42.0	42.0	42.0	42.3
26.6	41.3	41.3	41.6	42.0	42.0	42.5	42.5	42.5	43.0	43.2	43.2	43.9	43.9	43.9	44.2
29.2	47.7	47.7	48.0	48.5	48.5	48.9	49.2	49.2	49.6	49.9	49.9	50.8	50.8	51.3	51.5
33.5	54.9	54.9	55.1	55.6	55.6	56.1	56.3	56.3	56.8	57.0	57.0	58.0	58.0	58.4	58.7
35.2	61.5	61.5	61.8	62.7	62.7	63.2	63.4	63.4	63.9	64.1	64.1	65.1	65.1	65.6	65.8
42.0	74.1	74.1	74.3	75.5	75.5	76.0	76.2	76.2	76.7	77.0	77.0	77.9	77.9	78.4	78.6
43.7	76.5	76.5	76.7	77.9	77.9	78.4	78.6	78.6	79.1	79.3	79.3	80.3	80.3	80.8	81.0
45.4	81.7	81.7	82.2	83.4	83.4	84.1	84.6	84.6	85.0	85.3	85.3	86.2	86.2	86.7	86.9
46.1	82.9	82.9	83.4	84.6	84.6	85.3	85.7	85.7	86.2	86.5	86.5	87.4	87.4	87.9	88.1
46.6	84.8	84.8	85.3	86.5	86.5	87.2	87.6	87.6	88.1	88.4	88.4	89.3	89.3	89.8	90.0
47.0	85.3	85.3	85.7	86.9	86.9	87.6	88.1	88.1	88.6	88.8	88.8	89.8	89.8	90.3	90.5
47.0	85.3	85.3	85.7	86.9	86.9	87.9	88.4	88.4	88.8	89.1	89.1	90.0	90.0	90.5	90.7
47.0	85.3	85.3	85.7	86.9	86.9	87.9	88.4	88.4	88.8	89.1	89.1	90.0	90.0	90.5	90.7
47.0	85.3	85.3	86.0	87.4	87.4	88.4	88.8	88.8	89.3	89.5	89.5	90.5	90.5	91.0	91.2
47.0	85.3	85.3	86.2	87.6	87.6	88.6	89.1	89.1	89.8	90.0	90.0	91.0	91.0	91.4	91.7
47.0	85.5	85.5	86.5	87.9	87.9	89.5	90.0	90.0	90.7	91.0	91.0	92.2	92.2	92.6	92.9
47.3	85.7	85.7	86.7	88.1	88.1	89.8	90.3	90.3	91.0	91.2	91.2	92.4	92.4	92.9	93.1
47.5	86.0	86.0	86.9	88.4	88.4	90.0	90.5	90.5	91.2	91.4	91.4	92.6	92.6	93.1	93.3
47.5	86.0	86.0	86.9	88.4	88.4	90.0	90.5	90.5	91.2	91.4	91.4	92.6	92.6	93.1	93.3
47.5	86.5	86.5	87.4	88.8	88.8	90.5	91.0	91.0	91.7	91.9	91.9	93.1	93.1	93.6	93.8
47.5	86.9	86.9	88.1	89.5	89.8	91.7	92.4	92.4	93.3	94.3	94.3	95.5	95.5	96.0	96.2
47.5	87.2	87.2	88.4	89.8	90.3	92.2	92.9	92.9	93.8	94.8	94.8	96.4	96.4	96.9	97.1
47.5	87.2	87.2	88.4	89.8	90.3	92.4	93.1	93.1	94.1	95.0	95.0	96.9	96.9	97.4	97.6
47.5	87.2	87.2	88.4	89.8	90.3	92.4	93.1	93.1	94.1	95.0	95.2	97.6	97.6	98.6	99.0
47.5	87.2	87.2	88.4	89.8	90.3	92.4	93.1	93.1	94.1	95.0	95.2	98.1	98.1	99.0	99.8
47.5	87.2	87.2	88.4	89.8	90.3	92.4	93.1	93.1	94.1	95.0	95.2	98.1	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 421

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]736 FT RICHARDSON AK 77-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

25.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.1	34.1	34.1	34.1	35.1	35.6
29.1	38.7	38.7	38.7	38.9	38.9	38.9	38.9	38.9	38.9	39.1	39.1	39.1	39.1	40.1	40.6
30.8	41.1	41.1	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.5	41.5	41.5	41.5	42.5	43.0
31.0	41.5	41.5	41.5	41.8	41.8	41.8	41.8	41.8	41.8	42.0	42.0	42.0	42.0	43.0	43.4
31.3	41.8	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.2	42.2	42.2	42.2	43.2	43.7
31.5	42.7	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.2	43.2	43.2	43.2	44.2	44.6
33.9	48.2	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7	48.7	48.7	49.6	50.1
34.6	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.9	49.9	49.9	49.9	50.8	51.3
35.8	52.7	52.7	52.7	53.2	53.2	53.2	53.5	53.5	53.5	53.7	53.7	53.7	53.7	54.7	55.1
40.3	60.4	60.4	60.4	60.9	60.9	60.9	61.1	61.1	61.1	61.3	61.3	61.3	61.3	62.3	62.8
42.2	65.9	65.9	65.9	66.3	66.3	66.3	66.6	66.6	66.6	66.8	66.8	66.8	66.8	67.8	68.3
46.8	76.6	77.3	77.3	77.8	77.8	77.8	78.0	78.0	78.3	78.5	78.5	78.5	78.5	79.5	80.0
47.7	78.5	79.2	79.2	79.7	79.7	79.7	80.0	80.0	80.2	80.4	80.4	80.4	80.4	81.4	81.9
50.1	82.6	83.5	83.5	84.0	84.0	84.0	84.2	84.2	84.5	84.7	84.7	84.7	84.7	85.7	86.2
51.8	85.7	86.6	86.6	87.1	87.1	87.1	87.4	87.4	87.6	87.8	87.8	87.8	87.8	88.8	89.3
52.7	88.1	89.0	89.0	89.5	89.5	89.5	89.7	89.7	90.0	90.2	90.2	90.2	90.2	91.2	91.6
53.2	88.8	89.7	89.7	90.2	90.2	90.2	90.5	90.5	90.7	90.9	90.9	90.9	90.9	91.9	92.4
53.2	89.0	90.0	90.0	90.5	90.7	90.7	91.4	91.4	91.6	91.9	91.9	91.9	91.9	92.8	93.3
53.2	89.0	90.0	90.0	90.5	90.7	90.7	91.4	91.4	91.6	91.9	91.9	91.9	91.9	92.8	93.3
53.2	89.0	90.0	90.0	90.7	90.9	90.9	91.6	91.6	91.9	92.1	92.1	92.1	92.1	93.1	93.6
53.2	89.0	90.0	90.0	90.7	90.9	90.9	91.6	91.6	91.9	92.1	92.1	92.1	92.1	93.1	93.6
53.2	89.3	90.2	90.2	90.9	91.2	91.4	92.1	92.1	92.4	92.6	92.6	92.6	92.6	93.6	94.0
53.9	90.2	91.2	91.2	91.9	92.1	92.4	93.1	93.1	93.3	93.6	93.6	93.6	93.6	94.5	95.0
53.9	90.2	91.2	91.2	91.9	92.1	92.4	93.1	93.1	93.3	93.6	93.6	93.6	93.6	94.5	95.0
53.9	90.5	91.4	91.4	92.1	92.4	92.6	93.3	93.3	93.6	94.0	94.0	94.0	94.0	95.0	95.5
53.9	90.5	91.4	91.4	92.1	92.4	92.8	93.6	93.6	93.8	94.3	94.3	94.3	94.3	95.2	95.7
53.9	90.7	91.6	91.6	92.4	92.6	93.1	93.8	93.8	94.5	95.0	95.0	95.0	95.0	95.9	96.4
53.9	90.7	91.6	91.6	92.4	92.6	93.1	94.0	94.0	95.0	95.5	95.5	95.7	95.7	96.7	97.1
53.9	90.7	91.6	91.6	92.4	92.6	93.1	94.3	94.3	95.7	96.2	96.2	96.9	96.9	97.9	98.6
53.9	90.7	91.6	91.6	92.4	92.6	93.3	94.5	94.5	95.9	96.4	96.4	97.4	97.4	98.6	99.5
53.9	90.7	91.6	91.6	92.4	92.6	93.3	94.5	94.5	95.9	96.4	96.4	97.4	97.4	98.8	100.0
53.9	90.7	91.6	91.6	92.4	92.6	93.3	94.5	94.5	95.9	96.4	96.4	97.4	97.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 419

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 .736 FT RICHARDSON AK 77-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

27.9	39.3	39.3	39.8	39.8	39.8	40.0	40.0	40.0	40.5	40.5	40.5	40.5	40.5	41.0	41.0
30.6	42.7	42.7	43.2	43.2	43.2	43.4	43.4	43.4	43.9	43.9	43.9	43.9	43.9	44.4	44.4
32.5	45.1	45.1	45.6	45.6	45.6	45.9	45.9	45.9	46.4	46.4	46.4	46.6	46.6	47.3	47.3
32.5	45.1	45.1	45.6	45.6	45.6	45.9	45.9	45.9	46.4	46.4	46.4	46.6	46.6	47.3	47.3
32.8	45.4	45.4	45.9	45.9	45.9	46.1	46.1	46.1	46.6	46.6	46.6	46.8	46.8	47.6	47.6
33.5	46.6	46.6	47.1	47.1	47.1	47.3	47.3	47.3	47.8	47.8	47.8	48.1	48.1	48.8	48.8
35.7	49.0	49.0	49.5	49.5	49.5	49.8	49.8	49.6	50.2	50.2	50.2	50.5	50.5	51.2	51.2
36.2	50.2	50.2	50.7	50.7	50.7	51.0	51.0	51.0	51.5	51.5	51.5	51.7	51.7	52.4	52.4
37.6	56.6	56.6	57.0	57.0	57.0	57.3	57.3	57.3	57.8	57.8	57.8	58.0	58.0	58.7	58.7
41.5	65.3	65.3	65.8	65.8	65.8	66.0	66.0	66.0	66.5	66.5	66.5	66.7	66.7	67.5	67.5
43.0	69.9	69.9	70.4	70.4	70.4	70.6	70.6	70.6	71.1	71.1	71.1	71.4	71.4	72.1	72.1
46.8	77.9	78.4	78.9	78.9	78.9	79.1	79.1	79.1	79.6	79.6	79.6	79.9	79.9	80.6	80.6
48.1	80.1	80.6	81.1	61.1	81.1	81.3	81.3	81.3	81.8	81.8	81.8	82.0	82.0	82.8	82.8
48.5	83.0	83.7	84.2	84.2	84.2	84.5	84.5	84.5	85.0	85.0	85.0	85.2	85.2	85.9	85.9
50.2	85.2	85.9	86.4	86.4	86.4	86.7	86.7	86.7	87.1	87.1	87.1	87.4	87.4	88.1	88.1
51.2	88.3	89.8	91.0	91.3	91.3	91.5	91.5	91.5	92.0	92.0	92.0	92.2	92.2	93.0	93.0
51.2	88.3	89.8	91.0	91.3	91.3	91.5	91.5	91.5	92.0	92.0	92.0	92.2	92.2	93.0	93.0
51.2	88.3	89.8	91.3	92.0	92.0	92.2	92.2	92.2	92.7	92.7	92.7	93.0	93.0	93.7	93.7
51.2	88.3	89.8	91.3	92.0	92.0	92.2	92.2	92.2	92.7	92.7	92.7	93.0	93.0	93.7	93.7
51.2	88.3	90.0	91.5	92.2	92.2	92.5	92.5	92.5	93.0	93.0	93.0	93.2	93.2	93.9	93.9
51.2	88.3	90.0	91.5	92.2	92.2	92.5	92.5	92.5	93.0	93.0	93.0	93.2	93.2	94.4	94.4
51.2	89.1	90.8	92.2	93.0	93.2	93.7	93.7	93.7	94.4	94.4	94.4	94.7	94.7	95.9	95.9
51.2	89.1	90.8	92.2	93.0	93.2	93.7	93.7	93.7	94.4	94.4	94.4	94.7	94.7	95.9	95.9
51.2	89.1	91.0	92.5	93.2	93.4	93.9	93.9	93.9	95.1	95.1	95.1	95.4	95.4	96.6	96.6
51.2	89.1	91.0	92.5	93.2	93.4	93.9	93.9	93.9	95.1	95.1	95.1	95.4	95.4	96.6	96.8
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	95.4	95.4	95.4	95.6	95.6	96.8	97.1
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	96.6	96.6	96.6	96.8	96.8	98.1	98.3
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	96.6	96.8	96.8	97.1	97.1	98.5	98.8
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	96.6	96.8	96.8	97.3	97.3	98.8	99.0
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	96.6	97.1	97.1	97.8	97.8	99.3	99.5
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	96.8	97.3	97.3	98.1	98.1	99.5	100.0
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	96.8	97.3	97.3	98.1	98.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 412

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

25.3	40.3	40.9	40.9	41.2	41.5	41.5	41.5	41.5	41.8	41.8	41.8	42.0	42.0	42.6	42.9
26.7	42.3	42.9	42.9	43.2	43.5	43.5	43.5	43.5	43.8	43.8	43.8	44.0	44.0	44.6	44.9
28.4	44.9	45.5	45.5	45.7	46.0	46.0	46.0	46.0	46.3	46.3	46.3	46.6	46.6	47.2	47.4
28.4	44.9	45.5	45.5	45.7	46.0	46.0	46.0	46.0	46.3	46.3	46.3	46.6	46.6	47.2	47.4
28.4	44.9	45.5	45.5	45.7	46.0	46.0	46.0	46.0	46.3	46.3	46.3	46.6	46.6	47.2	47.4
28.7	46.9	47.4	47.4	47.7	48.0	48.0	48.0	48.0	48.3	48.3	48.3	48.6	48.6	49.1	49.4
30.4	49.4	50.0	50.0	50.3	50.6	50.6	50.6	50.6	50.9	50.9	50.9	51.1	51.1	51.7	52.0
30.4	50.0	50.6	50.6	50.9	51.1	51.1	51.1	51.1	51.4	51.4	51.4	51.7	51.7	52.3	52.6
33.0	57.1	57.7	57.7	58.0	58.2	58.2	58.2	58.2	58.5	58.5	58.5	58.8	58.8	59.4	59.7
37.2	66.2	66.8	66.8	67.0	67.3	67.3	67.3	67.3	67.6	67.6	67.6	67.9	67.9	68.5	68.8
37.8	68.8	69.3	69.3	69.6	69.9	69.9	69.9	69.9	70.2	70.2	70.2	70.5	70.5	71.0	71.3
40.9	76.1	77.3	77.3	77.6	77.8	77.8	77.8	77.8	78.1	78.1	78.1	78.4	78.4	79.0	79.3
41.5	78.7	80.1	80.1	80.4	80.7	80.7	80.7	80.7	81.0	81.0	81.0	81.3	81.3	81.8	82.1
44.0	82.7	84.1	84.1	84.4	84.7	84.7	84.7	84.7	84.9	84.9	84.9	85.2	85.2	85.8	86.1
45.2	84.1	85.5	85.5	85.8	86.1	86.1	86.1	86.1	86.4	86.4	86.4	86.6	86.6	87.2	87.5
45.7	85.8	87.5	87.8	88.4	88.6	88.6	88.6	88.6	88.9	88.9	88.9	89.2	89.2	89.8	90.1
46.3	86.4	88.1	88.4	88.9	89.2	89.2	89.2	89.2	89.5	89.5	89.5	89.8	89.8	90.3	90.6
46.3	86.6	88.4	89.2	89.8	90.1	90.6	90.6	90.6	90.9	90.9	90.9	91.2	91.2	91.8	92.0
46.3	86.9	88.6	89.5	90.1	90.3	90.9	90.9	90.9	91.2	91.2	91.2	91.5	91.5	92.0	92.3
46.3	87.2	89.2	90.1	90.6	90.9	92.3	92.3	92.3	92.9	92.9	92.9	93.2	93.2	93.8	94.0
46.3	87.2	89.2	90.1	90.6	90.9	92.3	92.3	92.3	92.9	92.9	92.9	93.2	93.2	93.8	94.0
46.3	88.1	90.1	90.9	91.5	91.8	93.5	93.5	93.5	94.0	94.0	94.0	94.3	94.3	94.9	95.2
46.3	88.1	90.1	90.9	91.5	91.8	93.5	93.5	93.5	94.0	94.3	94.3	94.6	94.6	95.2	95.5
46.3	88.1	90.3	91.2	91.8	92.0	93.8	94.6	94.6	95.2	95.5	95.5	95.7	95.7	96.3	96.6
46.3	88.1	90.3	91.2	91.8	92.0	93.8	94.6	94.6	95.2	95.5	95.5	95.7	95.7	96.3	96.6
46.3	88.1	90.3	91.2	91.8	92.0	93.8	94.6	94.6	95.2	95.7	96.0	96.3	96.3	96.9	97.2
46.3	88.1	90.9	91.8	92.3	92.6	94.3	95.2	95.2	96.6	97.2	97.4	97.7	97.7	98.3	98.6
46.3	88.1	91.5	92.3	92.9	93.2	94.9	95.7	95.7	97.2	97.7	98.0	98.3	98.3	98.9	99.1
46.3	88.1	91.8	92.6	93.2	93.5	95.2	96.0	96.0	97.4	98.0	98.3	98.6	98.6	99.1	99.4
46.3	88.1	91.8	92.6	93.2	93.5	95.2	96.0	96.0	97.4	98.0	98.3	98.6	98.6	99.1	99.7
46.3	88.1	91.8	92.6	93.5	93.8	95.5	96.3	96.3	97.7	98.3	98.6	98.9	98.9	99.4	100.0
46.3	88.1	91.8	92.6	93.5	93.8	95.5	96.3	96.3	97.7	98.3	98.6	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 352

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 2736 FT RICHARDSON AK 77-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

23.4	35.9	36.0	36.1	36.3	36.4	36.6	36.6	36.6	36.8	37.0	37.0	37.2	37.2	37.9	38.1
25.4	38.8	38.8	39.0	39.3	39.4	39.5	39.5	39.5	39.8	40.0	40.0	40.2	40.2	40.8	41.1
26.6	40.4	40.5	40.7	41.0	41.0	41.2	41.2	41.2	41.5	41.7	41.7	41.9	41.9	42.6	42.9
26.8	41.0	41.1	41.3	41.5	41.6	41.7	41.7	41.7	42.0	42.2	42.2	42.4	42.4	43.2	43.4
27.1	41.3	41.4	41.6	41.8	41.9	42.1	42.1	42.1	42.4	42.5	42.5	42.8	42.8	43.5	43.8
27.5	42.4	42.5	42.7	42.9	43.0	43.2	43.2	43.2	43.4	43.6	43.6	43.9	43.9	44.6	44.8
28.9	45.5	45.6	45.8	46.0	46.1	46.3	46.3	46.3	46.6	46.8	46.8	7.0	47.0	47.7	48.0
29.2	46.7	46.8	46.9	47.2	47.3	47.4	47.4	47.4	47.7	47.9	47.[illegible]	48.1	48.1	48.8	49.1
31.0	52.4	52.5	52.7	53.0	53.1	53.2	53.3	53.3	53.6	53.8	53.8	54.1	54.1	54.9	55.2
34.8	50.2	60.3	60.5	60.8	60.9	61.0	61.2	61.2	61.4	61.6	61.6	61.9	61.9	62.7	63.0
36.7	65.5	65.6	65.8	66.2	66.3	66.4	66.6	66.6	66.9	67.0	67.0	67.3	67.3	68.1	68.4
41.5	75.1	75.5	75.7	76.2	76.3	76.4	76.5	76.5	76.9	77.0	77.0	77.3	77.3	78.2	78.4
43.1	78.1	78.5	78.8	79.2	79.3	79.4	79.6	79.6	79.9	80.1	80.1	80.4	80.4	81.2	81.5
44.7	82.3	82.9	83.2	83.7	83.8	84.0	84.2	84.2	84.5	84.7	84.7	84.9	84.9	85.8	86.1
45.9	84.1	84.7	85.0	85.5	85.6	85.7	85.9	85.9	86.3	86.4	86.4	86.7	86.7	87.6	87.8
46.5	86.2	87.0	87.5	88.0	88.1	88.4	88.5	88.5	88.9	89.1	89.1	89.3	89.3	90.2	90.5
46.8	86.5	87.3	87.8	88.4	88.5	88.7	88.9	88.9	89.2	89.4	89.4	89.7	89.7	90.6	90.8
46.9	86.9	87.8	88.5	89.1	89.2	89.7	89.9	89.9	90.3	90.5	90.5	90.7	90.7	91.6	91.9
46.9	87.0	87.8	88.5	89.2	89.3	89.7	90.0	90.0	90.3	90.5	90.5	90.8	90.8	91.6	91.9
46.9	87.1	88.1	88.9	89.7	89.8	90.4	90.7	90.7	91.1	91.3	91.3	91.5	91.5	92.4	92.7
46.9	87.2	88.2	89.0	89.8	89.9	90.6	90.8	90.8	91.3	91.4	91.4	91.7	91.7	92.7	92.9
46.9	87.7	88.7	89.5	90.4	90.6	91.5	91.8	91.8	92.3	92.5	92.5	92.8	92.8	93.7	94.0
47.1	87.9	88.9	89.7	90.6	90.8	91.8	92.1	92.1	92.6	92.8	92.8	93.1	93.1	94.1	94.3
47.2	88.0	89.1	89.9	90.8	91.0	92.0	92.5	92.5	93.1	93.4	93.4	93.7	93.7	94.6	94.9
47.2	88.1	89.2	90.0	91.0	91.2	92.1	92.7	92.7	93.3	93.6	93.6	93.9	93.9	94.9	95.2
47.2	88.2	89.3	90.1	91.1	91.3	92.3	92.9	92.9	93.5	93.8	93.9	94.2	94.2	95.1	95.5
47.2	88.4	89.5	90.4	91.4	91.6	93.0	93.6	93.6	94.8	95.2	95.3	95.6	95.6	96.5	96.9
47.2	88.4	89.7	90.6	91.5	91.8	93.2	93.9	93.9	95.0	95.6	95.7	96.1	96.1	97.1	97.5
47.2	88.4	89.7	90.6	91.5	91.8	93.3	94.0	94.1	95.4	96.0	96.0	96.7	96.7	97.7	98.2
47.2	88.4	89.7	90.6	91.5	91.8	93.5	94.2	94.2	95.6	96.2	96.3	97.1	97.2	98.4	99.0
47.2	88.5	89.8	90.6	91.7	92.0	93.7	94.4	94.5	96.0	96.6	96.7	97.7	97.8	99.1	100.0
47.2	88.5	89.8	90.6	91.7	92.0	93.7	94.4	94.5	96.0	96.6	96.7	97.7	97.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2139

USAF ETAC [illegible] 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 736 FT RICHARDSON AK 77-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

33.1	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
33.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
34.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
34.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
34.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
34.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
37.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
38.8	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
45.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
46.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
50.6	76.3	76.3	76.3	76.9	76.9	76.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
50.6	78.1	78.1	78.1	78.8	78.8	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
55.0	84.4	84.4	84.4	85.0	85.0	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
55.0	84.4	84.4	84.4	85.6	85.6	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
55.0	85.6	85.6	85.6	87.5	87.5	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
55.0	85.6	85.6	85.6	87.5	87.5	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
55.0	86.3	86.3	86.3	88.1	88.1	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
55.0	86.3	86.3	86.3	88.1	88.1	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
55.0	86.9	86.9	86.9	90.0	90.0	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
55.0	86.9	86.9	86.9	90.6	90.6	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
55.0	86.9	86.9	86.9	91.9	91.9	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
55.0	86.9	86.9	86.9	91.9	91.9	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
55.0	86.9	86.9	86.9	91.9	91.9	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
55.0	86.9	86.9	86.9	91.9	92.5	93.1	93.8	93.8	94.4	94.4	94.4	94.4	94.4	95.0	95.0
55.0	86.9	86.9	86.9	91.9	92.5	93.1	93.8	93.8	94.4	94.4	94.4	94.4	94.4	95.0	95.0
55.0	86.9	86.9	86.9	91.9	92.5	93.1	93.8	93.8	95.6	95.6	95.6	95.6	95.6	96.3	96.3
55.0	87.5	87.5	87.5	92.5	93.1	93.8	94.4	94.4	96.3	96.3	96.3	96.3	96.3	96.9	96.9
55.0	88.1	88.1	88.1	93.1	93.8	94.4	95.0	95.0	97.5	97.5	97.5	97.5	97.5	98.1	98.1
55.0	88.8	88.8	88.8	93.8	94.4	95.0	95.6	95.6	98.8	98.8	98.8	98.8	98.8	99.4	99.4
55.0	88.8	88.8	88.8	93.8	94.4	95.0	95.6	95.6	98.8	98.8	98.8	98.8	98.8	99.4	100.0
55.0	88.8	88.8	88.8	93.8	94.4	95.0	95.6	95.6	98.8	98.8	98.8	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 160

USAFETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7736 FT RICHARDSON AK 77-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

33.5	44.0	44.0	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.5	45.5	45.5	45.5
33.7	44.7	44.7	45.0	45.7	45.7	45.7	45.7	45.7	45.7	46.0	46.0	46.2	46.2	46.2	46.2
35.2	46.5	46.5	46.7	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.9	47.9	47.9	47.9
35.2	46.5	46.5	46.7	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.9	47.9	47.9	47.9
35.5	46.7	46.7	46.9	47.7	47.7	47.7	47.7	47.7	47.7	47.9	47.9	48.2	48.2	48.2	48.2
36.2	48.9	48.9	49.1	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.4	50.4	50.4	50.4
37.4	50.6	50.6	50.9	51.6	51.6	51.6	51.6	51.6	51.6	51.8	51.8	52.1	52.1	52.1	52.1
38.1	52.6	52.6	52.8	53.5	53.5	53.5	53.5	53.5	53.5	53.8	53.8	54.0	54.0	54.0	54.0
39.1	54.8	54.8	55.0	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.0	56.2	56.2	56.2	56.2
43.3	63.8	63.8	64.1	65.0	65.0	65.0	65.0	65.0	65.0	65.3	65.3	65.5	65.5	65.5	65.5
44.3	68.0	68.0	68.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.7	69.7	69.7	69.7
47.4	74.8	74.8	75.1	76.0	76.0	76.0	76.0	76.0	76.0	76.3	76.3	76.5	76.5	76.5	76.5
48.4	75.8	75.8	76.0	77.0	77.0	77.0	77.0	77.0	77.0	77.3	77.3	77.5	77.5	77.5	77.5
50.9	79.5	79.5	79.7	80.7	80.7	80.7	80.7	80.7	80.9	81.2	81.2	81.4	81.4	81.4	81.4
51.8	80.7	80.7	80.9	82.2	82.2	82.2	82.2	82.2	82.4	82.6	82.6	82.9	82.9	82.9	82.9
51.8	82.6	82.6	82.9	84.8	84.8	84.8	84.8	84.8	85.1	85.3	85.3	85.6	85.6	85.6	85.6
51.8	83.1	83.1	83.4	85.3	85.3	85.3	85.3	85.3	85.6	85.8	85.8	86.1	86.1	86.1	86.1
52.1	84.1	84.6	85.1	87.0	87.0	87.0	87.0	87.0	87.3	87.5	87.5	87.8	87.8	87.8	87.8
52.1	84.4	84.8	85.3	87.3	87.3	87.3	87.3	87.3	87.5	87.8	87.8	88.0	88.0	88.0	88.0
52.1	85.6	86.1	86.6	89.2	89.7	90.5	90.5	90.5	91.0	91.2	91.2	91.4	91.4	91.4	91.4
52.1	85.6	86.1	86.6	89.2	89.7	90.7	91.0	91.0	91.4	91.7	91.7	91.9	91.9	91.9	91.9
52.1	85.6	86.1	86.6	89.7	90.2	91.2	91.4	91.4	91.9	92.2	92.2	92.4	92.4	92.4	92.4
52.1	85.6	86.1	86.6	89.7	90.2	91.2	91.4	91.4	91.9	92.2	92.2	92.4	92.4	92.4	92.4
52.1	85.6	86.1	86.6	89.7	90.2	91.2	91.4	91.4	91.9	92.2	92.2	92.4	92.4	92.4	92.4
52.1	86.1	86.6	87.0	90.2	90.7	91.7	91.9	92.2	92.9	93.2	93.2	93.4	93.4	93.9	93.9
52.1	86.3	86.8	87.3	90.7	91.2	92.2	92.4	92.7	93.4	93.9	93.9	94.1	94.1	94.6	94.6
52.1	86.3	86.8	87.3	90.7	91.2	92.7	93.2	93.4	94.9	95.4	95.4	95.8	95.8	96.3	96.3
52.1	87.0	87.8	88.3	91.7	92.2	93.6	94.4	94.6	96.6	97.1	97.1	97.6	97.6	98.0	98.0
52.1	87.8	88.5	89.0	92.4	92.9	94.4	95.1	95.6	97.6	98.0	98.0	98.5	98.5	99.3	99.5
52.1	87.8	88.5	89.0	92.4	92.9	94.4	95.1	95.6	98.0	98.5	98.5	99.0	99.0	99.8	100.0
52.1	87.8	88.5	89.0	92.4	92.9	94.4	95.1	95.6	98.0	98.5	98.5	99.0	99.0	99.8	100.0
52.1	87.8	88.5	89.0	92.4	92.9	94.4	95.1	95.6	98.0	98.5	98.5	99.0	99.0	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 409

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]736 FT RICHARDSON AK 77-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

36.9	45.6	45.6	45.6	45.9	45.9	46.4	46.4	46.4	46.4	46.4	46.4	46.6	46.6	46.8	46.8
38.4	47.8	47.8	47.8	48.0	48.0	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.9	48.9
40.2	50.4	50.4	50.4	50.6	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.3	51.5	51.5
40.2	50.8	50.8	50.8	51.1	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.8	51.8	52.0	52.0
40.2	51.1	51.1	51.1	51.3	51.3	51.8	51.8	51.8	51.8	51.8	51.8	52.0	52.0	52.2	52.2
41.4	52.7	52.7	52.7	52.9	52.9	53.4	53.4	53.4	53.4	53.4	53.4	53.6	53.6	53.9	53.9
41.6	52.9	52.9	52.9	53.2	53.2	53.6	53.9	53.9	53.9	54.1	54.1	54.6	54.6	54.8	54.8
42.6	54.6	54.6	54.6	54.8	54.8	55.3	55.5	55.5	55.5	55.8	55.8	56.2	56.2	56.5	56.5
43.3	57.4	57.4	57.4	57.6	57.6	58.1	58.4	58.4	58.4	58.6	58.6	59.1	59.1	59.3	59.3
48.0	66.1	66.1	66.1	66.4	66.4	66.8	67.1	67.1	67.1	67.3	67.3	67.8	67.8	68.0	68.0
49.4	70.6	70.6	70.6	70.8	70.8	71.3	[illegible]	71.5	[illegible]	71.8	71.8	72.2	72.2	72.5	72.5
51.8	74.8	74.8	75.3	75.5	75.5	76.[illegible]	[illegible]	76.2	[illegible]	76.5	76.5	76.9	76.9	77.2	77.2
54.1	77.9	77.9	78.4	78.6	78.6	79.[illegible]	[illegible]	79.3	79.3	79.5	79.5	80.0	80.0	80.2	80.2
56.1	84.0	84.0	84.5	84.7	84.7	85.2	85.4	85.4	85.4	85.6	85.6	86.1	86.1	86.4	86.4
56.4	84.2	84.5	85.2	85.4	85.4	85.9	86.1	86.1	86.1	86.4	86.4	86.8	86.8	87.1	87.1
58.4	84.7	85.4	86.1	87.5	87.5	89.0	88.2	88.2	88.2	88.5	88.5	88.9	88.9	89.2	89.2
59.1	85.4	86.1	86.8	88.7	88.7	89.2	89.4	89.4	89.4	89.6	89.6	90.1	90.1	90.4	90.4
59.3	85.9	86.6	87.3	89.6	89.6	90.1	90.4	90.4	90.4	90.6	90.6	91.1	91.1	91.3	91.3
59.3	85.9	86.6	87.3	89.6	89.6	90.1	90.4	90.4	90.4	90.6	90.6	91.1	91.1	91.3	91.3
59.5	87.1	87.8	88.5	90.8	90.8	91.5	91.8	91.8	91.8	92.0	92.0	92.5	92.5	92.7	92.7
59.5	87.1	87.8	88.5	90.8	90.8	91.5	91.8	91.8	91.8	92.0	92.0	92.5	92.5	92.7	92.7
59.5	88.2	88.9	90.1	92.5	92.5	93.2	93.9	93.9	93.9	94.1	94.1	94.6	94.6	94.8	94.8
59.5	88.2	88.9	90.1	92.5	92.5	93.2	93.9	93.9	93.9	94.8	94.8	95.3	95.3	95.5	95.5
59.5	88.2	88.9	90.1	92.5	92.5	93.2	93.9	93.9	93.9	94.8	94.8	95.3	95.3	95.5	95.5
59.5	88.2	88.9	90.1	92.5	92.9	93.9	94.6	94.6	94.8	95.8	95.8	96.2	96.2	96.5	96.5
59.5	88.2	88.9	90.1	92.5	92.9	93.9	94.6	94.6	94.8	96.0	96.0	96.5	96.5	96.7	96.7
59.5	88.2	88.9	90.1	92.5	92.9	93.9	95.3	95.3	96.2	97.4	97.4	98.1	98.1	98.6	99.1
59.5	88.5	89.2	90.4	92.7	93.2	94.1	95.5	95.5	96.7	97.9	97.9	98.8	98.8	99.3	99.6
59.5	88.5	89.2	90.4	92.7	93.2	94.1	95.5	95.5	96.7	97.9	97.9	98.8	98.8	99.3	99.5
59.5	88.5	89.2	90.4	92.7	93.2	94.1	95.5	95.5	96.7	97.9	97.9	99.1	99.1	99.5	100.0
59.5	88.5	89.2	90.4	92.7	93.2	94.1	95.5	95.5	96.7	97.9	97.9	99.1	99.1	99.5	100.0
59.5	88.5	89.2	90.4	92.7	93.2	94.1	95.5	95.5	96.7	97.9	97.9	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 425

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

39.4	44.6	44.8	44.8	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.8	46.0	46.0	46.0
42.0	47.7	47.7	47.7	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.6	48.8	48.8	48.8
43.9	50.0	50.0	50.0	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.9	51.2	51.2	51.2
43.9	50.0	50.0	50.0	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.9	51.2	51.2	51.2
44.8	50.9	50.9	50.9	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.9	52.1	52.1	52.1
46.0	52.3	52.3	52.3	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	53.3	53.5	53.5	53.5
47.9	54.9	54.9	54.9	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.9	56.1	56.1	56.1
49.5	57.3	57.3	57.3	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	58.2	58.5	58.5	58.5
52.8	62.2	62.2	62.4	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	63.4	63.6	63.6	63.6
57.0	68.8	68.8	69.0	69.2	69.2	69.7	69.7	69.7	69.7	69.7	69.7	70.2	70.4	70.4	70.4
58.7	72.8	72.8	73.0	73.2	73.2	73.7	73.7	73.7	73.7	73.7	73.7	74.2	74.4	74.4	74.4
60.1	77.7	77.9	78.4	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.8	80.0	80.0	80.0
62.7	81.7	81.9	82.4	82.6	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.8	84.0	84.0	84.0
65.0	85.0	85.4	86.2	86.4	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.6	87.8	87.8	87.8
66.7	86.6	87.1	87.8	88.3	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.4	89.7	89.7	89.7
67.4	87.8	89.0	89.9	90.6	90.6	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.3	92.3	92.3
67.4	87.8	89.4	90.4	91.1	91.1	91.8	91.8	91.8	91.8	91.8	91.8	92.5	92.7	92.7	92.7
67.4	88.0	89.7	90.6	91.5	91.5	92.3	92.3	92.3	92.3	92.3	92.3	93.0	93.2	93.2	93.2
67.4	88.0	89.7	90.6	91.5	91.5	92.3	92.3	92.3	92.3	92.3	92.3	93.0	93.2	93.2	93.2
67.6	90.1	91.8	92.7	93.7	93.7	94.6	94.6	94.6	94.6	94.8	94.8	95.5	95.8	95.8	95.8
67.6	90.1	91.8	92.7	93.7	93.7	95.3	95.3	95.3	95.3	95.5	95.5	96.2	96.5	96.5	96.5
67.6	90.1	91.8	92.7	93.9	94.1	95.8	95.8	95.8	95.8	96.2	96.2	96.9	97.2	97.2	97.2
67.6	90.1	91.9	92.7	93.9	94.1	95.8	95.8	95.8	95.8	96.5	96.5	97.2	97.4	97.4	97.4
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.2	97.2	97.9	98.1	98.1	98.1
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.2	97.2	97.9	98.1	98.1	98.1
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.2	97.2	97.9	98.1	98.1	98.1
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.4	97.4	98.4	98.6	98.8	99.1
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.4	97.4	98.4	98.6	98.8	99.5
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.4	97.4	98.8	99.1	99.3	100.0
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.4	97.4	98.8	99.1	99.3	100.0
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.4	97.4	98.8	99.1	99.3	100.0
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.4	97.4	98.8	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 426

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

36.5	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
39.5	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
40.2	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
40.4	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
41.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
43.1	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
47.2	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
48.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
52.5	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
57.4	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
59.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
61.7	79.7	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
63.0	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
66.1	86.7	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
67.8	89.3	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
68.8	91.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
68.8	91.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
68.8	91.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
68.8	91.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
68.8	92.0	93.2	93.7	93.7	93.7	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
68.8	92.3	93.5	94.2	94.2	94.2	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
68.8	92.3	93.5	94.2	94.4	94.4	94.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.6	96.6	96.9	96.9	96.9	96.9	96.9
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.6	96.6	96.9	97.1	97.1	97.1	97.3
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.6	96.6	96.9	97.3	97.3	97.3	97.6
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.6	96.6	96.9	97.3	97.3	97.3	98.1
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.9	96.9	97.1	97.6	97.6	97.6	99.8
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.9	96.9	97.1	97.6	97.6	97.6	100.0
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.9	96.9	97.1	97.6	97.6	97.6	100.0
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.9	96.9	97.1	97.6	97.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 413

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 3736 FT RICHARDSON AK 77-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

36.9	48.9	49.1	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.7	49.7	50.0	50.0	50.0	50.0
38.1	50.0	50.3	50.3	50.6	50.6	50.6	50.6	50.6	50.6	51.4	51.4	52.0	52.0	52.0	52.0
40.1	52.0	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	53.4	53.4	54.0	54.0	54.0	54.0
40.3	54.0	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	55.4	55.4	56.0	56.0	56.0	56.0
41.5	55.1	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	56.5	56.5	57.1	57.1	57.1	57.1
42.9	58.0	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.5	59.4	59.4	59.9	59.9	59.9	59.9
45.5	60.8	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	62.2	62.2	62.8	62.8	62.8	62.8
47.7	63.4	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	64.8	64.8	65.3	65.3	65.3	65.3
50.0	65.6	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	67.0	67.0	67.6	67.6	67.6	67.6
53.1	70.2	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	71.6	71.6	72.2	72.2	72.2	72.2
53.4	72.7	73.0	73.3	74.1	74.1	74.1	74.1	74.1	74.1	75.0	75.0	75.6	75.6	75.6	75.6
56.0	79.3	80.1	80.4	81.3	81.3	81.3	81.3	81.3	81.3	82.1	82.1	82.7	82.7	82.7	82.7
56.5	81.0	81.8	82.1	83.0	83.0	83.0	83.0	83.0	83.0	83.8	83.8	84.4	84.4	84.4	84.4
59.9	87.2	89.1	89.4	89.2	89.2	89.2	89.5	89.5	89.5	90.3	90.3	90.9	90.9	90.9	90.9
61.1	88.9	89.8	90.1	90.9	90.9	90.9	91.2	91.2	91.2	92.0	92.0	92.6	92.6	92.6	92.6
61.9	90.3	91.2	91.5	92.3	92.3	92.3	92.6	92.6	92.6	93.5	93.5	94.0	94.0	94.0	94.0
61.9	90.6	91.5	92.0	92.9	92.9	92.9	93.2	93.2	93.2	94.0	94.0	94.6	94.6	94.6	94.6
61.9	90.9	91.8	92.3	93.2	93.2	93.2	93.5	93.5	93.5	94.3	94.3	94.9	94.9	94.9	94.9
61.9	90.9	91.8	92.3	93.2	93.2	93.2	93.5	93.5	93.5	94.3	94.3	94.9	94.9	94.9	94.9
61.9	91.2	92.0	92.6	93.8	93.8	93.8	94.0	94.0	94.0	94.9	94.9	95.5	95.5	95.5	95.5
61.9	91.8	92.6	93.2	94.3	94.3	94.3	94.6	94.6	94.6	95.5	95.5	96.0	96.0	96.0	96.0
61.9	92.3	93.2	93.8	95.2	95.2	95.2	95.5	95.5	95.5	96.3	96.3	96.9	96.9	96.9	96.9
61.9	92.3	93.2	93.8	95.7	95.7	95.7	96.0	96.0	96.0	96.9	96.9	97.4	97.4	97.4	97.4
61.9	92.3	93.2	93.8	95.7	95.7	95.7	96.0	96.0	96.0	96.9	96.9	97.4	97.4	97.4	97.4
61.9	92.3	93.2	93.8	95.7	95.7	95.7	96.0	96.0	96.0	96.9	96.9	97.4	97.4	97.4	97.4
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	96.3	97.2	97.2	97.7	97.7	97.7	97.7
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	97.2	98.0	98.0	98.9	98.9	98.9	98.9
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	97.2	98.0	98.0	98.9	98.9	98.9	98.9
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	97.2	98.0	98.0	98.9	98.9	98.9	99.4
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	97.2	98.0	98.0	98.9	98.9	98.9	99.7
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	97.2	98.0	98.0	98.9	98.9	98.9	100.0
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	97.2	98.0	98.0	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 352

USAF ETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 [illegible]736 FT RICHARDSON AK 77-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

36.4	45.2	45.2	45.3	45.5	45.5	45.7	45.7	45.7	45.7	45.8	45.8	46.0	46.0	46.1	46.1
38.0	47.1	47.2	47.2	47.5	47.5	47.6	47.6	47.6	47.6	47.8	47.8	48.1	48.1	48.2	48.2
39.5	49.0	49.1	49.2	49.4	49.4	49.6	49.6	49.6	49.6	49.7	49.7	50.0	50.1	50.1	50.1
39.6	49.5	49.6	49.6	49.9	49.9	50.0	50.0	50.0	50.0	50.2	50.2	50.5	50.5	50.6	50.6
40.2	50.2	50.3	50.3	50.6	50.6	50.8	50.8	50.8	50.8	50.9	50.9	51.2	51.3	51.3	51.3
41.4	52.3	52.4	52.4	52.7	52.7	52.8	52.8	52.8	52.8	53.0	53.0	53.3	53.3	53.4	53.4
43.4	54.7	54.8	54.8	55.1	55.1	55.2	55.3	55.3	55.3	55.5	55.5	55.8	55.9	55.9	55.9
44.8	57.0	57.1	57.1	57.4	57.4	57.5	57.6	57.6	57.6	57.8	57.8	58.1	58.2	58.2	58.2
47.0	60.5	60.6	60.7	61.0	61.0	61.1	61.1	61.1	61.1	61.4	61.4	61.7	61.7	61.8	61.8
51.3	67.8	67.9	68.0	69.3	68.3	68.5	68.5	68.5	68.5	68.7	68.7	69.1	69.1	69.2	69.2
52.4	71.5	71.6	71.7	72.1	72.1	72.3	72.4	72.4	72.4	72.6	72.6	72.9	73.0	73.0	73.0
55.1	77.1	77.4	77.7	78.2	78.2	78.4	78.5	78.5	78.5	78.7	78.7	79.0	79.1	79.1	79.1
56.5	79.4	79.7	80.0	80.4	80.4	80.6	80.7	80.7	80.7	81.0	81.0	81.3	81.3	81.4	81.4
59.7	84.4	84.8	85.1	85.6	85.6	85.9	86.0	86.0	86.0	86.3	86.3	86.6	86.6	86.7	86.7
60.7	85.8	86.2	86.6	87.2	87.2	87.5	87.6	87.6	87.6	87.9	87.9	88.2	88.2	88.3	88.3
61.2	87.1	87.8	88.3	89.4	89.4	89.7	89.8	89.8	89.8	90.1	90.1	90.4	90.5	90.5	90.5
61.3	87.5	88.3	88.8	90.0	90.0	90.3	90.4	90.4	90.4	90.7	90.7	91.0	91.1	91.1	91.1
61.4	87.9	88.8	89.4	90.7	90.7	90.9	91.1	91.1	91.1	91.4	91.4	91.7	91.8	91.8	91.8
61.4	87.9	88.8	89.4	90.7	90.7	91.0	91.1	91.1	91.2	91.4	91.4	91.8	91.8	91.9	91.9
61.5	89.0	89.9	90.5	92.0	92.1	92.7	92.9	92.9	93.0	93.3	93.3	93.6	93.7	93.7	93.7
61.5	89.1	90.0	90.7	92.3	92.4	93.1	93.5	93.5	93.5	93.8	93.8	94.2	94.2	94.3	94.3
61.5	89.4	90.3	91.1	93.0	93.1	93.9	94.4	94.4	94.5	94.8	94.8	95.2	95.2	95.3	95.3
61.5	89.4	90.3	91.1	93.1	93.2	94.1	94.5	94.6	94.6	95.1	95.1	95.5	95.6	95.6	95.6
61.5	89.4	90.3	91.1	93.1	93.2	94.1	94.6	94.6	94.7	95.3	95.3	95.7	95.7	95.8	95.8
61.5	89.5	90.4	91.2	93.2	93.5	94.3	94.9	95.0	95.2	95.8	95.8	96.2	96.2	96.4	96.4
61.5	89.6	90.5	91.2	93.3	93.6	94.5	95.0	95.1	95.4	96.0	96.1	96.5	96.5	96.7	96.8
61.5	89.6	90.5	91.2	93.3	93.6	94.6	95.3	95.4	96.2	96.8	96.9	97.5	97.6	97.8	98.0
61.5	89.8	90.8	91.5	93.6	93.9	94.8	95.6	95.7	96.6	97.3	97.3	98.0	98.1	98.4	98.7
61.5	90.0	90.9	91.7	93.8	94.1	95.0	95.8	95.9	96.9	97.6	97.7	98.4	98.5	98.8	99.6
61.5	90.0	91.0	91.7	93.8	94.1	95.1	95.8	96.0	97.1	97.8	97.8	98.7	98.7	99.0	99.9
61.5	90.0	91.0	91.7	93.8	94.1	95.1	95.8	96.0	97.1	97.8	97.8	98.7	98.7	99.0	100.0
61.5	90.0	91.0	91.7	93.8	94.1	95.1	95.8	96.0	97.1	97.8	97.8	98.7	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2185

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

27.2	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	39.5	39.5
27.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	40.4	40.4
28.1	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	41.7	41.7
28.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	42.1	42.1
28.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	43.0	43.0
29.4	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.9	43.9
29.4	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.9	46.9
29.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	47.4	47.4
31.1	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.8	51.8
36.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.6	59.6
39.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.9	64.9
43.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	73.2	73.2
47.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.6	77.6
50.9	84.6	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	86.4	86.4
52.2	86.8	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.6	88.6
52.6	88.2	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.9	89.9
53.5	89.5	89.9	90.4	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.7	91.7
53.9	90.8	91.2	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	93.0	93.0
53.9	90.8	91.2	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	93.0	93.0
54.8	92.5	93.4	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.6	95.6
54.8	92.5	93.4	94.7	94.7	94.7	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.5	96.5
54.8	93.9	94.7	96.1	96.1	96.1	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.2	98.2
54.8	93.9	94.7	96.1	96.1	96.1	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.2	98.2
54.8	93.9	94.7	96.1	96.1	96.1	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.2	98.2
54.8	94.3	95.6	96.9	96.9	96.9	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.1	99.1
54.8	94.3	95.6	96.9	96.9	96.9	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.1	99.1
54.8	94.7	96.1	97.4	97.4	97.4	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.6	99.6
54.8	95.2	96.5	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0
54.8	95.2	96.5	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0
54.8	95.2	96.5	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0
54.8	95.2	96.5	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0
54.8	95.2	96.5	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 228

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

2736 FT RICHARDSON AK 77-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

24.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.1	37.1
25.0	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.1	38.1
26.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.2	40.2
26.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.8	40.8
27.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.5	41.5
27.7	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.5	42.5
28.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.2	46.2
29.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.7	46.7
31.2	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.5	52.5
34.4	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.7	57.7
37.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.5	62.5
43.5	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.9	72.9
46.3	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.3	77.3
48.8	82.9	82.9	83.1	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	84.2	84.2
50.7	85.8	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.7	86.7	86.7	86.7	86.7	87.3	87.3
51.3	88.5	88.5	88.8	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.8	90.8
51.3	90.0	90.0	90.6	91.7	91.7	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.7	92.7
51.3	90.4	90.8	91.5	92.9	92.9	93.1	93.1	93.1	93.5	93.5	93.5	93.7	93.7	94.2	94.2
51.3	90.4	90.8	91.5	92.9	92.9	93.1	93.1	93.1	93.5	93.5	93.5	93.7	93.7	94.2	94.2
51.3	91.0	91.5	92.9	94.4	94.8	95.0	95.2	95.2	96.3	96.7	96.7	96.9	96.9	97.5	97.5
51.3	91.0	91.5	92.9	94.8	95.2	95.4	95.6	95.6	96.7	97.1	97.1	97.3	97.3	97.9	97.9
51.3	91.2	91.9	93.3	95.4	95.8	96.0	96.2	96.2	97.3	97.7	97.7	97.9	97.9	98.5	98.5
51.3	91.2	91.9	93.3	95.4	95.8	96.0	96.2	96.2	97.3	97.7	97.7	97.9	97.9	98.5	98.5
51.3	91.2	91.9	93.3	95.4	95.8	96.0	96.2	96.2	97.5	97.9	97.9	98.1	98.1	98.7	98.7
51.3	91.2	91.9	93.3	95.4	95.8	96.2	96.5	96.5	97.9	98.3	98.3	98.5	98.5	99.0	99.0
51.3	91.2	91.9	93.3	95.4	95.8	96.2	96.5	96.5	97.9	98.3	98.3	98.5	98.5	99.0	99.2
51.3	91.3	92.1	93.5	95.6	96.0	96.3	96.7	96.7	98.1	98.5	98.5	98.7	98.7	99.2	99.4
51.3	91.9	92.7	94.0	96.2	96.5	96.9	97.3	97.3	98.7	99.0	99.0	99.2	99.2	99.8	100.0
51.3	91.9	92.7	94.0	96.2	96.5	96.9	97.3	97.3	98.7	99.0	99.0	99.2	99.2	99.8	100.0
51.3	91.9	92.7	94.0	96.2	96.5	96.9	97.3	97.3	98.7	99.0	99.0	99.2	99.2	99.8	100.0
51.3	91.9	92.7	94.0	96.2	96.5	96.9	97.3	97.3	98.7	99.0	99.0	99.2	99.2	99.8	100.0
51.3	91.9	92.7	94.0	96.2	96.5	96.9	97.3	97.3	98.7	99.0	99.0	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 520

2

AL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

27.8	38.4	38.4	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
31.6	43.0	43.0	43.0	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
32.3	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
32.3	46.6	46.6	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
32.7	47.1	47.1	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
33.3	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
35.6	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
35.7	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
37.8	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
41.4	63.7	63.7	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
43.7	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
48.1	75.5	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
51.0	78.7	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
53.2	83.8	84.2	84.4	84.4	84.6	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
54.7	86.9	87.	87.6	87.6	87.8	88.0	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4
55.9	88.8	89.5	89.9	90.3	90.5	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1
56.8	90.3	91.4	91.8	92.8	93.3	93.5	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9
56.8	91.1	92.2	93.0	93.9	94.5	94.7	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4
56.8	91.1	92.2	93.0	93.9	94.5	94.7	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4
56.8	91.1	92.2	93.3	94.5	95.4	95.8	95.8	95.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3
56.8	91.1	92.2	93.3	94.5	95.4	95.8	95.8	95.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3
56.8	91.1	92.2	93.3	94.7	95.6	96.4	96.4	96.4	97.9	98.1	98.3	98.3	98.3	98.3	98.3
56.8	91.1	92.2	93.3	94.7	95.6	96.4	96.4	96.4	97.9	98.1	98.3	98.3	98.3	98.3	98.3
56.8	91.1	92.2	93.3	94.7	95.6	96.4	96.4	96.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9
56.8	91.1	92.2	93.3	94.7	95.6	96.6	96.6	96.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0
56.8	91.1	92.2	93.3	94.7	95.6	96.6	96.6	96.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0
56.8	91.1	92.2	93.3	94.7	95.6	96.6	96.6	96.6	98.7	99.0	99.2	99.6	99.6	99.6	99.6
56.8	91.1	92.4	93.5	94.9	95.8	97.0	97.0	97.0	99.0	99.4	99.6	100.0	100.0	100.0	100.0
56.8	91.1	92.4	93.5	94.9	95.8	97.0	97.0	97.0	99.0	99.4	99.6	100.0	100.0	100.0	100.0
56.8	91.1	92.4	93.5	94.9	95.8	97.0	97.0	97.0	99.0	99.4	99.6	100.0	100.0	100.0	100.0
56.8	91.1	92.4	93.5	94.9	95.8	97.0	97.0	97.0	99.0	99.4	99.6	100.0	100.0	100.0	100.0
56.8	91.1	92.4	93.5	94.9	95.8	97.0	97.0	97.0	99.0	99.4	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 526

USAF ETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 736 FT RICHARDSON AK 77-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

30.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
33.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
36.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
37.6	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
38.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
39.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
42.7	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
42.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
45.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
49.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
51.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
56.9	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
58.2	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
59.5	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
61.3	89.3	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
62.2	91.4	92.0	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
62.2	92.4	92.9	93.3	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
62.4	92.6	93.1	93.5	94.1	94.5	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
62.4	92.6	93.1	93.5	94.1	94.5	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
62.4	92.6	93.5	94.1	95.0	95.4	95.4	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
62.4	92.6	93.5	94.1	95.0	95.4	95.6	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
62.4	92.6	93.5	94.1	95.2	95.6	95.8	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
62.4	92.6	93.9	94.5	95.6	96.0	96.4	97.1	97.1	97.5	97.5	97.5	97.7	97.7	97.7	97.7
62.4	92.6	93.9	94.5	95.6	96.0	96.6	97.3	97.3	97.7	97.7	97.7	97.9	97.9	97.9	97.9
62.4	92.6	93.9	94.5	95.6	96.0	96.6	97.5	97.5	98.1	98.1	98.1	98.7	98.7	98.7	98.7
62.4	92.6	93.9	94.5	95.6	96.2	96.8	97.7	97.7	98.3	98.3	98.3	98.9	98.9	98.9	98.9
62.4	92.6	93.9	94.5	95.6	96.4	96.9	97.9	97.9	98.5	98.5	98.5	99.2	99.2	99.4	99.4
62.4	92.6	93.9	94.5	95.6	96.4	96.9	97.9	97.9	98.7	98.7	98.7	99.4	99.4	99.6	99.6
62.4	92.6	93.9	94.5	95.6	96.4	96.9	97.9	97.9	99.0	99.0	99.0	99.8	99.8	100.0	100.0
62.4	92.6	93.9	94.5	95.6	96.4	96.9	97.9	97.9	99.0	99.0	99.0	99.8	99.8	100.0	100.0
62.4	92.6	93.9	94.5	95.6	96.4	96.9	97.9	97.9	99.0	99.0	99.0	99.8	99.8	100.0	100.0
62.4	92.6	93.9	94.5	95.6	96.4	96.9	97.9	97.9	99.0	99.0	99.0	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 524

DL AL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

73b FT RICHARDSON AK 77-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

30.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
33.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
37.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
37.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
38.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
41.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
44.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
44.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
47.7	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
51.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
54.9	72.0	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
62.6	83.1	83.1	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
64.8	86.2	86.2	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
67.1	89.7	89.7	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
67.9	92.0	92.0	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
68.5	92.6	93.0	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
68.9	93.6	94.0	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
69.1	94.6	94.9	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
69.1	94.7	95.1	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
69.1	94.7	95.1	95.9	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
69.1	94.9	95.3	96.1	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
69.1	94.9	95.3	96.1	97.5	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
69.1	94.9	95.3	96.1	97.5	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
69.1	94.9	95.3	96.1	97.5	97.9	97.9	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
69.1	94.9	95.3	96.1	97.5	97.9	97.9	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
69.1	94.9	95.3	96.1	97.5	98.1	98.1	98.2	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
69.1	95.1	95.5	96.3	97.7	98.2	98.2	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
69.1	95.1	95.5	96.3	97.7	98.2	98.2	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
69.1	95.1	95.5	96.3	97.7	98.2	98.2	98.4	98.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
69.1	95.1	95.5	96.3	97.7	98.2	98.2	98.4	98.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
69.1	95.1	95.5	96.3	97.7	98.2	98.2	98.4	98.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
69.1	95.1	95.5	96.3	97.7	98.2	98.2	98.4	98.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 514

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7736 FT RICHARDSON AK 77-80 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

26.3	39.1	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5
28.5	41.0	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4
31.6	45.7	45.7	45.7	45.9	45.9	45.9	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2
32.2	46.4	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8
32.2	46.6	46.6	46.6	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
34.1	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3
37.8	53.8	53.8	53.8	54.1	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
38.5	54.7	54.7	54.7	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
42.4	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3
46.9	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
49.7	71.7	71.7	71.7	72.1	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
55.3	80.2	80.5	80.5	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
57.6	83.4	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
59.9	86.1	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3
60.3	87.7	88.4	88.4	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
61.1	91.3	91.9	91.9	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
61.1	91.5	92.1	92.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
61.1	92.1	92.9	92.9	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
61.1	92.7	93.6	93.6	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
61.1	92.9	93.8	93.8	95.4	95.4	95.4	95.4	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0
61.1	93.3	94.2	94.2	95.8	95.8	95.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5
61.1	93.3	94.8	94.8	96.7	96.7	96.7	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
61.1	93.3	94.8	94.8	96.7	96.7	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5
61.1	93.3	94.8	94.8	97.3	97.3	97.5	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
61.1	93.3	94.8	94.8	97.3	97.3	97.5	97.5	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
61.1	93.3	94.8	95.0	97.5	97.5	97.7	97.7	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
61.1	93.3	94.8	95.0	97.5	97.5	97.7	97.7	97.7	98.8	99.2	99.2	99.4	99.4	99.4	99.4
61.1	93.3	94.8	95.0	97.5	97.5	97.7	97.7	97.7	98.8	99.2	99.2	99.4	99.4	99.4	99.4
61.1	93.3	94.8	95.2	97.7	97.7	97.9	97.9	97.9	99.0	99.4	99.4	99.6	99.6	99.6	99.6
61.1	93.3	94.8	95.2	97.7	97.7	97.9	97.9	97.9	99.0	99.4	99.4	99.6	99.6	99.8	99.8
61.1	93.3	94.8	95.2	97.7	97.7	97.9	97.9	97.9	99.0	99.4	99.4	99.6	99.6	99.8	99.8
61.1	93.3	94.8	95.2	97.7	97.7	97.9	97.9	97.9	99.0	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 481

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

/ 2736 FT RICHARDSON AK 77-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

28.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.2	38.2
30.1	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.9	40.9
32.4	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4
32.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.3	45.3
33.4	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.1	46.1
34.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9
37.2	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1
37.5	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8
40.0	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2	59.2
43.9	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7	64.7
46.7	68.5	68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9	68.9
52.5	77.9	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5
54.9	81.1	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8
57.1	85.5	85.8	86.0	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.6	86.6
58.3	88.2	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.4	89.4
59.2	90.3	90.8	91.2	91.7	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.2	92.2
59.5	91.4	91.9	92.3	93.1	93.2	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.7	93.7
59.6	92.0	92.7	93.2	94.1	94.3	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.9	94.9
59.6	92.2	92.8	93.3	94.2	94.4	94.5	94.6	94.6	94.8	94.8	94.8	94.9	94.9	95.1	95.1
59.7	92.4	93.2	94.0	95.1	95.5	95.6	95.7	95.7	96.3	96.5	96.5	96.5	96.5	96.7	96.7
59.7	92.6	93.3	94.2	95.3	95.7	95.8	96.1	96.1	96.7	96.8	96.8	96.9	96.9	97.1	97.1
59.7	92.7	93.6	94.5	95.9	96.3	96.5	96.8	96.8	97.5	97.6	97.6	97.7	97.7	97.9	97.9
59.7	92.7	93.7	94.5	96.0	96.3	96.7	96.9	96.9	97.6	97.7	97.8	97.9	97.9	98.0	98.0
59.7	92.7	93.7	94.5	96.1	96.5	96.8	97.1	97.1	98.1	98.2	98.2	98.3	98.3	98.5	98.5
59.7	92.7	93.8	94.6	96.1	96.5	97.0	97.3	97.3	98.4	98.5	98.6	98.7	98.7	98.9	98.9
59.7	92.7	93.8	94.6	96.2	96.6	97.1	97.4	97.4	98.5	98.6	98.7	98.8	98.8	99.0	99.0
59.7	92.8	93.9	94.7	96.3	96.8	97.2	97.6	97.6	98.7	98.9	99.0	99.2	99.2	99.5	99.5
59.7	93.0	94.1	94.9	96.5	97.0	97.4	97.8	97.8	98.9	99.2	99.2	99.5	99.5	99.7	99.7
59.7	93.0	94.1	95.0	96.5	97.0	97.5	97.8	97.8	99.1	99.3	99.4	99.6	99.6	99.9	99.9
59.7	93.0	94.1	95.0	96.5	97.0	97.5	97.8	97.8	99.1	99.3	99.4	99.6	99.6	99.9	99.9
59.7	93.0	94.1	95.0	96.5	97.0	97.5	97.8	97.8	99.1	99.3	99.4	99.6	99.6	99.9	100.0
59.7	93.0	94.1	95.0	96.5	97.0	97.5	97.8	97.8	99.1	99.4	99.4	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2793

2

GL FAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 736 FT RICHARDSON AK 77-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

23.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
23.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
24.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
24.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
24.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
26.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
34.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
35.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
40.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
44.6	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
46.4	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
51.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
52.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
57.9	86.3	86.3	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
58.4	88.4	88.8	89.3	89.7	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
59.7	90.1	91.0	91.4	91.8	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
60.1	91.0	91.8	92.7	93.1	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
60.5	91.4	92.7	93.6	94.0	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
60.5	91.4	92.7	93.6	94.0	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
60.5	91.4	92.7	93.6	94.4	94.8	95.3	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
60.5	91.4	92.7	93.6	94.8	95.3	95.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1
60.5	91.4	93.1	94.0	95.3	95.7	96.1	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6
60.5	91.4	93.1	94.0	95.3	95.7	96.1	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6
60.5	91.8	93.6	94.4	95.7	96.1	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
60.5	91.8	93.6	94.4	95.7	96.1	96.6	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
60.5	91.8	93.6	94.8	96.1	96.6	97.0	97.4	97.4	97.9	97.9	98.3	98.3	98.3	98.3	98.3
60.5	91.8	93.6	95.7	97.0	97.4	98.3	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0
60.5	91.8	93.6	95.7	97.0	97.4	98.3	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0
60.5	91.8	93.6	95.7	97.0	97.4	98.3	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0
60.5	91.8	93.6	95.7	97.0	97.4	98.3	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0
60.5	91.8	93.6	95.7	97.0	97.4	98.3	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0
60.5	91.8	93.6	95.7	97.0	97.4	98.3	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 233

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

29.0	41.4	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
32.9	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
35.1	50.0	50.0	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
35.1	50.2	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
35.3	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
37.1	52.2	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
41.6	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
43.1	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
46.3	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
49.2	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
51.4	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
55.9	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
58.2	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
61.4	85.3	85.7	85.7	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
63.5	88.6	89.0	89.0	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
64.1	90.4	91.0	91.0	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
64.5	90.8	91.4	91.6	92.9	92.9	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
64.9	91.6	92.2	92.7	94.1	94.1	94.3	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
64.9	91.6	92.2	92.7	94.1	94.1	94.5	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
64.9	91.6	92.4	92.9	94.3	94.3	94.7	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
65.1	91.8	92.9	93.5	94.9	94.9	95.3	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
65.1	91.8	93.9	94.5	95.9	95.9	96.3	96.5	96.7	96.9	97.1	97.1	97.3	97.3	97.3	97.3
65.1	92.0	94.1	94.7	96.1	96.1	96.5	96.7	96.9	97.1	97.3	97.3	97.6	97.6	97.6	97.6
65.1	92.0	94.1	94.7	96.1	96.1	96.5	96.7	96.9	97.1	97.3	97.3	97.6	97.6	97.6	97.6
65.1	92.0	94.1	94.7	96.1	96.1	96.5	96.7	96.9	97.1	97.3	97.3	97.6	97.6	97.6	97.6
65.1	92.0	94.1	94.7	96.1	96.1	96.5	96.7	96.9	97.1	97.6	98.0	98.2	98.2	98.2	98.2
65.3	92.2	94.3	95.1	96.9	96.9	97.3	97.6	97.8	98.0	98.4	98.8	99.0	99.0	99.0	99.0
65.3	92.2	94.5	95.3	97.3	97.3	97.8	98.0	98.2	98.4	98.8	99.2	99.4	99.4	99.4	99.4
65.3	92.2	94.5	95.3	97.6	97.6	98.0	98.4	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0
65.3	92.2	94.5	95.3	97.6	97.6	98.0	98.4	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0
65.3	92.2	94.5	95.3	97.6	97.6	98.0	98.4	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0
65.3	92.2	94.5	95.3	97.6	97.6	98.0	98.4	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 490

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

32.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
36.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
39.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
39.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
39.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
42.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
45.4	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
47.2	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
50.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
53.8	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
55.9	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
61.1	83.1	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
62.3	84.9	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
64.7	87.9	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
67.1	90.7	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
67.5	91.7	92.1	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
68.5	92.7	93.3	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
69.2	93.5	94.2	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
69.2	93.8	94.4	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
69.4	94.4	95.2	95.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6
69.8	95.0	96.0	96.0	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6
69.8	95.6	96.6	96.8	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.6	98.6	98.6	98.6
69.8	95.6	96.6	96.8	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.6	98.6	98.6	98.6
69.8	95.6	96.6	96.8	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.6	98.6	98.6	98.6
69.8	95.6	96.6	96.8	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.6	98.6	98.6	98.6
69.8	95.6	96.6	96.8	98.6	98.6	98.6	98.6	98.6	98.8	99.0	99.2	99.6	99.6	99.6	99.6
69.8	95.6	96.6	96.8	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0
69.8	95.6	96.6	96.8	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0
69.8	95.6	96.6	96.8	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0
69.8	95.6	96.6	96.8	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0
69.8	95.6	96.6	96.8	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0
69.8	95.6	96.6	96.8	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 496

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 _736 FT RICHARDSON AK 77-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

29.5	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
35.4	44.0	44.0	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
39.4	48.9	48.9	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
39.6	49.1	49.1	49.1	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
40.8	50.5	50.5	50.5	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
41.4	51.5	51.5	51.5	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
46.5	58.8	58.8	58.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
47.5	61.0	61.0	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
50.3	65.9	65.9	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
56.2	72.7	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
58.4	75.4	75.4	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
63.8	83.2	83.4	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
65.5	85.7	85.9	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
67.9	88.7	88.9	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
70.1	92.1	92.3	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
71.3	93.3	93.5	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
71.7	94.3	94.5	94.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
72.7	95.6	95.8	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
72.7	96.[illegible]	96.2	96.2	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
72.9	96.6	97.[illegible]	97.0	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
72.9	96.6	97.2	97.2	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
72.9	96.6	97.2	97.2	98.0	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.6	99.6	99.6	99.6
72.9	96.6	97.2	97.2	98.0	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.6	99.6	99.6	99.6
72.9	96.6	97.2	97.2	98.0	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.6	99.6	99.6	99.6
72.9	96.6	97.2	97.2	98.0	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.6	99.6	99.6	99.6
72.9	96.6	97.4	97.4	98.2	98.6	99.0	99.0	99.0	99.2	99.2	99.2	99.8	99.8	99.8	99.8
72.9	96.6	97.4	97.4	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0
72.9	96.6	97.4	97.4	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0
72.9	96.6	97.4	97.4	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0
72.9	96.6	97.4	97.4	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0
72.9	96.6	97.4	97.4	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0
72.9	96.6	97.4	97.4	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 495

2

GL- AL CLIMATOLOGY BRANCH
 AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

33.4	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
38.3	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
41.0	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
41.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
42.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
44.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
50.8	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
53.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
55.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
62.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
64.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
70.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
72.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
75.2	92.0	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
75.8	93.0	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
76.0	94.1	94.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
77.7	95.7	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
78.3	96.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
78.3	96.3	95.7	96.7	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
78.3	96.3	96.7	97.1	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
78.3	96.3	96.9	97.5	98.2	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
78.3	96.3	96.9	97.5	93.2	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
78.3	96.3	96.9	97.5	98.2	98.6	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
78.3	96.3	96.9	97.5	98.2	98.6	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 488

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]736 FT RICHARDSON AK 77-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

32.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
37.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
39.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
40.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
40.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
41.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
50.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
54.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
57.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
62.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
65.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
68.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
68.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
72.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
73.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
73.2	92.1	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
74.3	93.4	94.1	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
74.3	93.8	94.5	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
74.3	93.8	94.5	95.2	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
74.3	93.8	94.5	95.2	95.6	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
74.3	93.8	94.5	95.2	95.8	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
74.3	93.8	94.5	95.2	95.8	96.3	97.1	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8
74.3	93.8	94.5	95.2	95.8	96.3	97.1	97.1	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	97.8	99.3	99.3	99.3	99.6	99.6	99.6	99.6
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 455

2

[illegible] CAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 736 FT RICHARDSON AK 77-8? APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

30.6	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
35.0	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
37.6	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
37.7	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
38.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
40.1	52.5	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
45.8	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
47.8	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
50.9	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
55.3	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
57.8	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
62.7	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
64.2	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
67.3	88.7	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
68.8	91.0	91.2	91.2	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
69.4	92.1	92.6	92.7	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
70.3	93.2	93.7	93.9	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
70.8	93.9	94.5	94.8	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
70.8	94.1	94.6	94.9	95.7	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
70.9	94.3	95.0	95.3	96.2	96.4	96.7	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
71.0	94.4	95.3	95.7	96.7	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
71.0	94.5	95.6	96.0	97.0	97.3	97.7	97.7	97.7	98.0	98.1	98.1	98.3	98.3	98.3	98.3
71.0	94.6	95.6	96.1	97.1	97.3	97.7	97.7	97.8	98.2	98.3	98.3	98.5	98.5	98.5	98.5
71.0	94.6	95.7	96.1	97.1	97.4	97.8	97.9	97.9	98.3	98.4	98.4	98.6	98.6	98.6	98.6
71.0	94.6	95.7	96.1	97.1	97.4	97.9	98.0	98.0	98.6	98.6	98.6	98.9	98.9	98.9	98.9
71.0	94.6	95.7	96.2	97.3	97.6	98.1	98.2	98.3	98.8	98.9	99.1	99.4	99.4	99.4	99.4
71.1	94.7	95.7	96.3	97.6	97.9	98.5	98.5	98.6	99.2	99.4	99.5	99.8	99.8	99.8	99.8
71.1	94.7	95.8	96.4	97.7	98.0	98.5	98.6	98.7	99.3	99.4	99.6	99.9	99.9	99.9	99.9
71.1	94.7	95.8	96.4	97.7	98.0	98.6	98.7	98.8	99.4	99.5	99.7	100.0	100.0	100.0	100.0
71.1	94.7	95.8	96.4	97.7	98.0	98.6	98.7	98.8	99.4	99.5	99.7	100.0	100.0	100.0	100.0
71.1	94.7	95.8	96.4	97.7	98.0	98.6	98.7	98.8	99.4	99.5	99.7	100.0	100.0	100.0	100.0
71.1	94.7	95.8	96.4	97.7	98.0	98.6	98.7	98.8	99.4	99.5	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2657

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

26.4	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
29.7	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
31.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
31.9	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
32.2	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
34.1	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
39.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
42.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
49.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
55.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
58.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
63.4	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
66.3	88.0	88.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
68.8	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
70.7	93.8	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
70.7	93.8	93.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
70.7	94.6	94.6	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
71.4	95.7	95.7	96.7	96.7	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
71.4	95.7	95.7	96.7	96.7	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
71.7	96.4	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
71.7	96.4	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
71.7	96.4	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
71.7	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
71.7	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
71.7	97.1	97.1	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
71.7	97.1	97.1	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
71.7	97.5	97.5	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
71.7	97.5	97.5	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
71.7	97.5	97.5	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6	100.0
71.7	97.5	97.5	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6	100.0
71.7	97.5	97.5	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6	100.0
71.7	97.5	97.5	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 276

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible]736 FT RICHARDSON AK 77-8[illegible] MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

27.5	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
32.9	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
35.3	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
36.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
37.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
38.6	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
43.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
46.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
51.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
58.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
60.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
65.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
67.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
68.3	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
68.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
69.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
69.7	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
69.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
69.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
70.7	96.6	96.8	97.2	97.2	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
70.9	96.8	97.0	97.4	97.4	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
71.1	97.0	97.2	97.6	97.6	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
71.3	97.2	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
71.3	97.2	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
71.5	97.4	97.6	98.0	98.2	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
71.5	97.6	97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
71.5	97.6	98.0	98.4	98.8	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
71.5	97.6	98.0	98.4	98.8	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
71.5	97.8	98.2	98.6	99.0	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
71.5	97.8	98.2	98.6	99.0	99.2	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
71.5	97.8	98.2	98.6	99.0	99.2	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	
71.5	97.8	98.2	98.6	99.0	99.2	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 498

USAF ETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

22.3	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
29.9	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
31.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
33.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
33.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
36.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
41.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
43.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
50.2	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
56.0	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
60.0	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
66.7	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
69.3	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
70.7	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
71.5	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
72.5	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
72.5	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
72.5	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
72.5	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
73.1	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
73.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
73.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
73.1	98.2	98.2	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
73.1	98.4	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
73.1	98.4	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
73.1	98.4	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
73.1	98.4	99.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
73.1	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 498

USAFETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

12.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
23.5	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
24.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
25.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
26.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
30.9	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
38.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
43.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
48.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
53.2	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
55.2	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
63.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
66.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
69.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
71.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
72.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
72.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
73.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
73.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
73.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
73.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
73.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
73.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
73.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 498

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

17.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
23.0	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
24.5	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
24.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
26.1	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
32.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
39.5	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
44.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
50.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
57.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
58.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
64.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
67.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
72.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
73.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
73.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
73.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
73.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
73.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
73.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
73.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
73.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 486

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2736 FT RICHARDSON AK 77-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

21.2	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
27.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
29.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
29.7	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
30.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
37.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
42.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
45.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
53.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
58.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
59.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
65.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
68.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
71.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
71.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
71.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
71.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
71.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
71.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
71.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
71.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 462

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 2736 FT RICHARDSON AK 77-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

22.0	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
27.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
29.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
30.3	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
30.9	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
35.1	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
41.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
44.4	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
50.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
56.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
58.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
65.0	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
67.6	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
70.2	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
71.4	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
71.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
71.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
72.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
72.0	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
72.3	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
72.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
72.4	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
72.4	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
72.4	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
72.5	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
72.5	98.9	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
72.5	98.9	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
72.5	98.9	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
72.5	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
72.5	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
72.5	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
72.5	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2718

USAFETAC

2

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 0736 FT RICHARDSON AK 77-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

21.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
25.1	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
26.1	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
26.1	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
30.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
35.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
38.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
44.7	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
53.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
56.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
70.2	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
71.5	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
75.6	89.2	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
76.6	91.2	91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
78.3	93.2	93.9	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
79.7	94.6	95.6	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
79.7	94.6	95.6	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
79.7	94.6	95.6	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
80.0	95.6	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
80.0	95.6	96.6	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
80.0	95.6	96.6	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
80.0	95.9	96.9	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
80.0	95.9	96.9	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
80.0	96.6	97.6	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
80.0	96.6	97.6	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
80.0	96.6	97.6	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
80.0	96.9	98.0	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
80.0	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
80.0	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
80.0	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
80.0	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

24.3	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
28.3	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
28.9	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
29.5	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
29.7	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
33.6	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
41.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
44.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
52.4	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
60.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
63.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
69.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
72.2	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
75.3	89.5	89.9	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
77.5	92.0	92.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
78.4	93.6	94.2	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
80.0	95.1	95.7	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
80.6	95.7	96.3	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
80.6	95.7	96.5	96.9	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
81.2	96.3	97.1	97.5	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
81.2	96.3	97.1	97.5	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
81.2	96.5	97.7	98.1	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
81.2	96.7	97.9	98.3	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
81.2	96.9	98.1	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
81.2	96.9	98.1	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
81.2	96.9	98.1	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
81.2	96.9	98.1	98.6	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
81.2	96.9	98.1	98.6	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
81.2	96.9	98.3	98.8	99.4	99.4	99.8	99.8	99.8	99.[illegible]	99.8	99.8	99.8	99.8	100.0	100.0
81.2	96.9	98.3	98.8	99.4	99.4	99.8	99.8	99.8	99.8	[illegible].8	99.8	99.8	99.8	100.0	100.0
81.2	96.9	98.3	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
81.2	96.9	98.3	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 515

AL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

24.6	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
28.9	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
29.8	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
29.8	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
29.8	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
32.9	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
41.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
45.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
53.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
61.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
63.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
69.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
71.9	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
75.4	89.0	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
77.5	91.5	91.9	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
78.7	94.0	94.4	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
79.3	94.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
80.0	95.7	96.1	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
80.2	95.9	96.3	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
80.8	96.7	97.1	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
81.0	97.1	97.5	98.4	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
81.0	97.3	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
81.0	97.3	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
81.0	97.3	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
81.0	97.3	98.3	99.2	99.4	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
81.0	97.3	98.3	99.2	99.4	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
81.0	97.3	98.3	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
81.0	97.3	98.3	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
81.0	97.3	98.3	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
81.0	97.3	98.3	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
81.0	97.3	98.3	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
81.0	97.3	98.3	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 516

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] FT RICHARDSON AK 77-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

23.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
27.3	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
28.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
28.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
28.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
32.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
40.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
44.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
52.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
57.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
59.7	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
66.5	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
67.6	81.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
72.1	88.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
74.8	92.6	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
75.8	94.6	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
76.4	95.2	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
76.4	95.7	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
76.6	96.1	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
76.6	96.9	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
77.1	97.5	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
77.1	97.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 516

2

AL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

20.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
24.2	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
25.0	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
25.2	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
25.4	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
29.5	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
39.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
43.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
53.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
57.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
60.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
69.3	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
71.1	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
75.2	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
75.8	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
76.2	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
76.8	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
77.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 508

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 736 FT RICHARDSON AK 77-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

20.1	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
22.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
25.0	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
25.0	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
25.4	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
28.0	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
37.2	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
39.8	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
52.0	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
59.1	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
62.6	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
72.2	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
74.8	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
75.8	94.7	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
76.6	96.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
76.6	96.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
77.0	97.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
77.4	97.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
77.4	97.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
77.6	97.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
77.6	97.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
77.6	97.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
77.6	97.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
78.0	98.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
78.0	98.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
78.0	98.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
78.0	98.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
78.0	98.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
78.0	98.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
78.0	98.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
78.0	98.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
78.0	98.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 492

2

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]736 FT RICHARDSON AK 77-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

22.4	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
26.1	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
27.3	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
27.5	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
27.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
31.2	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
39.7	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
42.9	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
52.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
58.7	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
61.5	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
69.5	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
71.5	86.3	86.8	86.8	86.8	86.8	86.8	96.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
74.8	91.0	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
76.5	93.6	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
77.3	95.1	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
78.1	96.0	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
78.4	96.6	97.4	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
78.5	96.7	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
78.8	97.2	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
78.9	97.4	98.3	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
78.9	97.5	98.7	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
78.9	97.6	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
79.0	97.7	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
79.0	97.7	98.9	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
79.0	97.7	98.9	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
79.0	97.7	98.9	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
79.0	97.8	99.0	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
79.0	97.8	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79.0	97.8	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79.0	97.8	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79.0	97.8	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2842

2

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

21.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
25.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
26.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
26.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
26.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
28.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
31.5	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
34.6	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
38.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
46.4	52.9	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
49.1	56.1	56.1	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
56.4	66.1	66.4	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
59.5	70.9	71.3	72.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
64.4	77.2	77.5	78.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
66.8	80.3	80.6	81.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
68.2	82.4	82.7	83.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
68.5	84.1	84.4	85.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
69.6	86.2	86.5	87.9	90.0	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
69.9	86.5	86.9	88.6	90.7	90.7	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
70.2	87.5	87.9	89.6	91.7	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
71.3	88.9	89.3	91.0	93.1	93.1	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
72.0	91.3	91.7	93.4	95.5	95.8	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
72.0	91.3	91.7	93.4	95.5	95.8	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
72.0	91.3	91.7	93.4	95.5	95.8	96.2	96.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
72.0	91.3	91.7	93.4	95.5	95.8	96.2	96.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
72.0	91.3	91.7	93.4	95.5	95.8	96.2	96.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
72.0	91.7	92.4	94.1	96.2	96.9	97.6	98.3	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
72.0	91.7	92.4	94.1	96.2	96.9	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.0	91.7	92.4	94.1	96.2	96.9	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.0	91.7	92.4	94.1	96.2	96.9	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.0	91.7	92.4	94.1	96.2	96.9	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.0	91.7	92.4	94.1	96.2	96.9	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 289

2

CL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

20.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
24.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
26.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
26.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
26.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
30.6	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
33.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
37.2	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
43.9	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
50.1	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
52.8	58.5	58.5	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
61.4	70.8	71.9	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
63.5	74.5	75.6	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
65.9	77.8	79.1	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
66.3	78.8	80.1	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
68.6	83.0	84.4	85.2	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
69.4	85.4	87.3	88.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
70.0	86.7	88.9	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
70.0	86.7	88.9	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
70.6	87.9	90.3	91.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
70.8	89.9	92.2	93.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
71.2	91.2	93.6	94.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
71.2	91.4	93.8	94.5	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
71.2	91.6	94.0	94.9	96.5	96.5	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
71.2	92.0	94.3	95.3	96.9	96.9	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
71.2	92.0	94.3	95.3	96.9	96.9	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
71.2	92.2	94.5	95.5	97.1	97.1	97.5	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
71.2	92.6	94.9	96.1	98.1	98.2	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.2	92.6	94.9	96.1	98.1	98.2	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.2	92.6	94.9	96.1	98.1	98.2	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.2	92.6	94.9	96.1	98.1	98.2	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.2	92.6	94.9	96.1	98.1	98.2	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 513

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

18.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
22.0	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
22.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
23.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
23.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
26.9	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
32.4	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
36.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
41.2	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
45.5	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
48.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
57.3	66.1	66.1	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
60.8	70.4	70.8	70.8	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
64.3	75.9	76.5	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
65.3	78.0	78.6	79.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
67.1	82.2	82.9	83.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
68.2	83.5	84.3	84.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
69.6	85.7	87.1	87.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
69.6	85.9	87.3	88.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
70.6	88.6	90.2	91.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
71.8	91.2	92.9	93.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
72.2	92.2	94.1	94.9	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
72.2	92.2	94.1	94.9	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
72.2	92.2	94.3	95.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
72.2	92.4	94.9	95.9	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
72.2	92.4	95.1	96.1	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
72.2	92.4	95.1	96.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
72.2	92.4	95.1	96.1	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
72.2	92.4	95.1	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.2	92.4	95.1	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.2	92.4	95.1	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.2	92.4	95.1	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 510

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

20.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
22.7	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
26.0	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
26.2	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
26.2	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
28.8	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
32.7	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
34.2	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
39.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
45.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
48.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
58.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
61.8	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
66.5	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
68.1	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
69.7	87.5	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
70.3	88.5	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
71.2	90.8	91.2	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
71.6	91.2	91.6	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
73.2	93.0	93.7	94.3	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
74.8	94.9	95.7	96.3	96.9	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
75.0	96.3	97.1	97.7	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
75.3	96.7	97.5	98.0	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
75.3	96.7	97.5	98.2	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 511

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

22.6	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
26.6	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
29.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
29.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
29.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
32.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
36.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
38.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
44.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
48.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
52.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
60.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
62.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
65.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
66.8	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
68.8	90.4	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
69.8	91.6	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
70.8	93.0	93.8	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
71.0	93.2	94.0	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
71.8	94.8	95.6	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
73.2	96.8	97.6	98.2	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
73.4	97.2	98.0	98.6	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 500

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

	20.0	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
	23.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
	26.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
	27.3	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
	27.3	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
	31.5	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
	36.6	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
	38.7	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
	47.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
	52.1	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
	54.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
	62.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
	64.1	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
	65.3	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
	67.0	87.6	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
	69.5	91.2	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
	70.2	92.9	93.3	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	71.4	94.5	95.0	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	71.6	94.7	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	72.5	96.0	96.4	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	72.7	96.4	96.8	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
	72.9	96.6	97.1	97.5	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	72.9	96.6	97.1	97.9	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	72.9	96.6	97.1	98.1	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	72.9	96.6	97.1	98.3	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	72.9	96.6	97.1	98.3	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	72.9	96.6	97.1	98.3	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	73.3	97.1	97.5	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	73.3	97.5	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	73.3	97.5	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	73.3	97.5	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	73.3	97.5	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 476

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

20.4	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
24.1	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
26.2	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
26.5	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
26.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
29.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
34.0	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
36.7	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
42.7	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
48.1	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
50.9	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
59.6	72.0	72.2	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
62.2	75.4	75.8	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
65.3	80.1	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
66.7	82.9	83.4	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
68.7	86.3	87.0	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
69.5	87.9	88.6	89.1	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
70.5	89.7	90.6	91.3	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
70.7	89.9	90.9	91.6	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
71.6	91.5	92.6	93.4	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
72.5	93.3	94.4	95.2	96.1	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
72.8	94.3	95.5	96.2	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
72.9	94.5	95.7	96.5	97.5	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
72.9	94.5	95.8	96.7	97.9	98.2	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
72.9	94.7	96.0	97.0	98.1	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
72.9	94.7	96.0	97.0	98.2	98.6	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
72.9	94.7	96.1	97.1	98.3	98.8	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
73.0	94.9	96.3	97.3	98.6	99.1	99.3	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
73.0	95.0	96.4	97.4	98.7	99.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.0	95.0	96.4	97.4	98.7	99.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.0	95.0	96.4	97.4	98.7	99.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.0	95.0	96.4	97.4	98.7	99.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

25.5	30.1	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	31.4
26.5	31.4	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.7
27.8	33.7	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.0
27.8	33.7	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.0
28.8	34.6	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.9
30.7	37.6	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.9
33.0	39.9	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	41.2
34.0	41.5	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.8
38.6	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.3
45.4	57.2	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.5
50.7	63.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	65.0
55.9	75.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.1	77.1	77.5	78.1
57.8	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.4	81.0
61.1	82.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.3	84.3	84.6	85.3
61.8	84.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.6	86.6	86.9	87.6
62.7	85.9	87.9	87.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.2	89.2	89.5	90.2
64.1	88.2	90.2	90.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.2	92.2	92.5	93.1
64.1	89.5	91.5	91.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.8	93.8	94.1	94.8
64.1	89.5	91.5	91.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.8	93.8	94.1	94.8
64.1	89.9	91.8	92.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.8	94.8	95.1	95.8
64.7	91.2	93.1	93.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.7	97.4
64.7	91.2	93.1	93.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.7	97.4
64.7	91.2	93.1	93.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.7	97.4
64.7	91.2	93.1	93.8	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.7	96.7	97.1	97.7
64.7	91.2	93.1	93.8	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.7	96.7	97.1	97.7
65.0	91.5	93.5	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.7	96.7	97.1	97.1	97.4	98.0
65.0	91.5	93.5	94.1	96.7	96.7	96.7	96.7	96.7	96.7	97.1	97.1	97.4	97.4	97.7	98.4
65.0	91.5	93.5	94.1	96.7	96.7	96.7	96.7	96.7	96.7	97.1	97.1	97.4	97.4	97.7	98.4
65.4	91.8	93.8	94.4	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.7	97.7	98.0	98.7
65.4	91.8	93.8	94.4	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.7	97.7	98.0	99.0
65.4	91.8	93.8	94.4	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.7	97.7	98.0	99.7
65.4	91.8	93.8	94.4	97.1	97.1	97.1	97.1	97.1	97.4	97.7	97.7	98.0	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

26.7	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	32.0
29.4	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.8
30.5	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.6
30.9	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.9
31.3	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.3
33.7	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	40.2
36.2	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.6
38.1	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.8
42.2	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.3
46.8	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	58.0
50.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.4
56.4	74.2	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	75.0
59.1	78.8	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1
60.0	80.5	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.8
60.8	81.8	82.6	82.8	82.8	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.3
62.1	83.7	84.7	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.6
62.7	86.4	87.7	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.0
63.1	86.9	88.4	89.4	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.5
63.1	86.9	88.4	89.4	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.5
63.4	87.7	89.2	90.2	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.3
63.4	88.4	90.2	91.1	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.2
64.2	89.4	91.3	92.2	92.8	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.9
64.2	89.6	91.5	92.4	93.0	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.1
64.2	89.6	91.5	92.4	93.0	93.2	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.1	94.5
64.6	90.2	92.0	93.2	93.9	94.1	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	95.1	95.5
64.6	90.3	92.2	93.4	94.1	94.3	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.5	95.8
64.8	90.5	92.4	93.6	94.3	94.5	95.3	95.3	95.3	95.8	96.0	96.2	96.2	96.2	96.4	96.8	96.8
65.0	91.7	93.6	94.7	95.5	95.6	96.4	96.4	96.4	97.2	97.5	97.7	97.7	97.7	97.9	98.3	98.3
65.0	91.9	93.8	94.9	95.6	95.8	96.6	96.8	97.2	98.3	98.7	98.9	98.9	99.1	99.2	99.6	99.6
65.0	91.9	93.8	94.9	95.6	95.8	96.6	96.8	97.2	98.3	98.7	98.9	98.9	99.1	99.2	99.6	99.6
65.0	91.9	93.8	94.9	95.6	95.8	96.8	97.0	97.3	98.5	98.9	99.1	99.1	99.2	99.4	99.8	99.8
65.0	91.9	93.8	94.9	95.6	95.8	96.8	97.0	97.3	98.7	99.1	99.2	99.2	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 528

USAFETAC 7-14-5 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

26.5	32.2	32.2	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
27.8	34.1	34.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
29.2	36.0	36.0	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
29.2	36.0	36.0	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
29.4	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
31.3	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
36.6	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
39.0	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
42.4	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
46.8	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
49.2	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
55.5	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
58.7	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
59.5	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
61.2	79.7	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
63.1	83.5	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
63.8	84.8	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
64.2	86.6	87.5	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
64.4	86.7	87.9	88.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
64.8	87.3	88.4	88.6	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
65.2	88.4	90.2	90.3	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
65.9	90.2	92.2	92.4	93.6	93.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
65.9	90.5	92.6	92.8	94.1	94.1	95.3	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
65.9	91.1	93.2	93.4	94.7	94.7	95.8	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6
65.9	91.3	93.4	93.6	95.5	95.5	96.6	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
65.9	91.5	93.6	93.8	95.6	95.8	97.0	97.3	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7
65.9	91.7	93.8	93.9	96.0	96.2	97.5	97.9	97.9	98.3	98.5	98.7	98.7	98.7	98.7	98.7
65.9	92.2	94.5	94.7	96.8	97.0	98.3	98.7	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6
65.9	92.2	94.5	94.7	96.8	97.0	98.3	98.7	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0
65.9	92.2	94.5	94.7	96.8	97.0	98.3	98.7	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0
65.9	92.2	94.5	94.7	96.8	97.0	98.3	98.7	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0
65.9	92.2	94.5	94.7	96.8	97.0	98.3	98.7	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 528

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

25.9	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
29.0	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
29.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
30.3	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
30.9	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
33.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
37.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
38.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
44.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
47.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
50.0	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
58.5	76.3	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
61.4	79.7	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
62.9	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
63.1	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
63.6	85.0	85.4	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
64.6	86.4	86.9	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
65.5	87.3	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
65.7	87.9	89.6	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
66.5	89.2	90.3	90.5	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
66.7	91.9	93.2	93.6	95.1	95.1	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
67.4	93.6	95.1	95.8	97.5	97.5	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
67.4	93.8	95.3	96.0	97.7	97.9	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
67.4	93.8	95.3	96.2	97.9	98.1	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
67.4	93.8	95.3	96.2	97.9	98.1	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 528

GL[illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible]736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

25.2	30.4	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
28.3	33.5	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
29.0	35.0	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
29.2	35.4	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
29.8	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
32.3	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
35.2	43.1	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
37.5	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
45.4	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
51.2	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
54.2	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
60.2	77.9	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
63.5	82.9	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
64.9	85.2	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
65.2	86.3	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
65.4	87.5	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
66.2	90.4	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
66.9	91.9	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
66.9	92.1	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
67.9	93.7	95.0	95.2	95.2	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
68.7	95.8	97.3	97.7	98.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
68.8	96.0	97.7	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
68.8	96.0	97.7	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
68.8	96.0	97.7	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 520

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	27.2	31.9	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
[illegible]	29.2	34.3	34.7	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
[illegible]	31.0	36.7	37.1	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
[illegible]	31.2	37.5	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
[illegible]	31.5	37.9	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
[illegible]	34.5	41.1	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
[illegible]	38.1	45.4	45.8	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
[illegible]	40.7	48.8	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
[illegible]	48.0	57.1	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
[illegible]	51.6	64.5	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
[illegible]	54.0	70.8	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
[illegible]	62.1	82.5	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
[illegible]	64.1	86.3	87.5	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
[illegible]	64.7	88.3	89.7	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
[illegible]	65.1	89.3	90.7	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
[illegible]	65.5	90.1	91.5	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
[illegible]	66.3	93.7	95.0	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
[illegible]	66.5	94.8	96.4	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
[illegible]	66.5	94.8	96.4	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
[illegible]	66.5	95.2	96.8	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
[illegible]	66.9	96.4	98.4	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	66.9	96.4	98.4	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	66.9	96.4	98.4	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	66.9	96.4	98.4	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	66.9	96.4	98.4	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	66.9	96.4	98.4	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	66.9	96.4	98.4	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	66.9	96.4	98.4	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	66.9	96.4	98.4	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	66.9	96.4	98.4	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 504

USAF ETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

.736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

26.2	31.4	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.6
28.5	34.1	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5
29.7	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.4
29.9	36.3	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.8
30.4	36.9	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
32.8	39.7	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.2
36.3	44.5	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9
38.3	46.8	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3
43.9	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.2
48.4	60.6	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
51.5	66.0	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5
58.2	76.5	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.4
60.9	80.4	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.6
62.2	82.5	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.7
62.9	84.1	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.4
63.8	85.9	86.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.6
64.6	88.3	89.3	89.5	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.2
65.1	89.5	90.7	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.9
65.2	89.6	90.9	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.1
65.6	90.5	91.9	92.3	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.7
66.0	92.0	93.7	94.2	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8
66.4	92.9	94.7	95.3	96.5	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.5
66.4	93.0	94.9	95.5	96.7	96.8	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.7
66.4	93.1	95.0	95.6	96.8	97.0	97.4	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	98.0
66.5	93.2	95.1	95.8	97.1	97.3	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.3
66.5	93.4	95.2	95.9	97.3	97.5	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.5	
66.6	93.4	95.3	96.0	97.4	97.6	98.1	98.3	98.3	98.5	98.6	98.7	98.7	98.7	98.8	98.9	
66.6	93.8	95.6	96.3	97.7	98.0	98.5	98.6	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.4	
66.6	93.8	95.7	96.4	97.8	98.0	98.6	98.7	98.9	99.2	99.5	99.5	99.6	99.6	99.7	99.8	
66.6	93.8	95.7	96.4	97.8	98.0	98.6	98.7	98.9	99.2	99.5	99.5	99.6	99.6	99.7	99.8	
66.6	93.8	95.7	96.4	97.8	98.0	98.6	98.8	98.9	99.3	99.5	99.6	99.6	99.6	99.7	99.9	
66.6	93.8	95.7	96.4	97.8	98.0	98.6	98.8	98.9	99.3	99.6	99.6	99.7	99.7	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 2914

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

22.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
24.1	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
24.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
25.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
25.9	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
26.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
27.3	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
29.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
33.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
38.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
39.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
44.0	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
47.2	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
51.4	85.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
51.4	87.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.7	88.7	89.0	89.0
51.4	88.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.1	90.1	90.4	90.4
51.8	90.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.2	92.2	92.6	92.6
51.8	90.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.6	92.6	92.9	92.9
51.8	90.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.6	92.6	92.9	92.9
51.8	92.2	94.3	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.4	95.4	95.7	95.7
51.8	92.9	95.0	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.5	96.5	96.8	96.8
51.8	92.9	95.0	96.1	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.9	97.9
51.8	92.9	95.0	96.1	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.9	97.9
51.8	92.9	95.0	96.1	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.9	97.9
51.8	92.9	95.0	96.1	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.9	97.9
51.8	92.9	95.0	96.1	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.9	97.9
51.8	93.6	95.7	96.8	97.2	97.5	97.9	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.6	98.6
51.8	93.6	96.1	97.2	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.9	98.9
51.8	93.6	96.1	97.2	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.9	98.9
51.8	94.3	96.8	97.9	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.6	99.6
51.8	94.3	97.2	98.2	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	100.0	100.0
51.8	94.3	97.2	98.2	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

20.2	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.9	23.9	23.9	23.9	23.9	23.9
23.9	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	29.0	29.0	29.0	29.0	29.4	29.4
25.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.9	31.9	32.1	32.1	32.5	32.5
26.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.5	32.5	32.7	32.7	33.1	33.1
27.4	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.4	34.4	34.8	34.8
28.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.8	36.8	37.0	37.0	37.4	37.4
33.3	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.4	43.4	43.6	43.6	44.0	44.0
35.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.8	45.8	46.0	46.0	46.4	46.4
40.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.8	52.8	53.0	53.0	53.4	53.4
47.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.6	61.6	61.8	61.8	62.2	62.2
49.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.1	66.1	66.3	66.3	66.7	66.7
56.0	78.9	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	80.0	80.0	80.4	80.4
57.9	81.8	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8	83.0	83.0	83.4	83.4
60.9	85.5	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.7	86.7	86.9	86.9	87.3	87.3
61.1	86.7	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.7	87.9	87.9	88.1	88.1	88.5	88.5
62.0	89.6	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.8	90.8	91.0	91.0	91.4	91.4
62.0	90.2	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.8	91.8	92.0	92.0	92.4	92.4
62.0	91.6	92.2	93.3	93.3	93.3	93.9	94.1	94.1	94.3	94.5	94.5	94.7	94.7	95.1	95.1
62.0	91.6	92.2	93.3	93.3	93.3	93.9	94.1	94.1	94.3	94.5	94.5	94.7	94.7	95.1	95.1
62.0	92.2	93.0	94.5	94.5	94.5	95.1	95.3	95.3	95.5	95.7	95.7	95.9	95.9	96.3	96.3
62.0	93.0	93.9	95.5	95.5	95.5	96.1	96.3	96.3	96.5	96.7	96.7	96.9	96.9	97.3	97.3
62.0	93.3	94.3	95.9	96.3	96.3	96.9	97.3	97.3	97.8	98.4	98.4	98.6	98.6	99.0	99.0
62.0	93.3	94.3	95.9	96.3	96.3	96.9	97.3	97.3	97.8	98.4	98.4	98.6	98.6	99.0	99.0
62.0	93.3	94.3	95.9	96.3	96.3	96.9	97.3	97.3	97.8	98.4	98.4	98.6	98.6	99.0	99.0
62.0	93.3	94.3	95.9	96.3	96.3	96.9	97.3	97.3	97.8	98.4	98.4	98.6	98.6	99.0	99.0
62.0	93.3	94.3	95.9	96.3	96.3	96.9	97.3	97.3	97.8	98.4	98.4	98.6	98.6	99.0	99.0
62.0	93.3	94.3	95.9	96.3	96.3	96.9	97.3	97.3	97.8	98.6	98.6	98.8	98.8	99.2	99.2
62.0	93.5	94.5	96.1	96.5	96.5	97.1	97.5	97.5	98.0	98.8	98.8	99.0	99.2	99.6	99.6
62.0	93.7	94.7	96.3	96.7	96.7	97.3	97.8	97.8	98.2	99.0	99.0	99.2	99.4	99.8	100.0
62.0	93.7	94.7	96.3	96.7	96.7	97.3	97.8	97.8	98.2	99.0	99.0	99.2	99.4	99.8	100.0
62.0	93.7	94.7	96.3	96.7	96.7	97.3	97.8	97.8	98.2	99.0	99.0	99.2	99.4	99.8	100.0
62.0	93.7	94.7	96.3	96.7	96.7	97.3	97.8	97.8	98.2	99.0	99.0	99.2	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 489

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

VISIBILITY (STATUTE MILES)

24.1	28.4	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
27.6	33.7	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
28.6	35.2	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
29.2	35.8	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
29.4	36.0	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
33.1	40.7	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
39.1	46.8	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
41.1	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
47.2	58.9	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
52.4	66.9	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
55.6	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
60.5	81.6	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
62.2	84.7	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
63.0	87.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
63.6	89.0	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
64.0	90.2	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
64.2	92.2	93.0	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
64.2	92.6	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
64.4	92.8	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
64.6	93.7	94.5	94.9	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
64.8	94.3	95.1	95.5	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
64.8	94.7	95.5	95.9	96.7	96.9	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
64.8	94.7	95.5	95.9	96.7	96.9	97.1	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
64.8	94.9	95.7	96.1	97.1	97.3	97.5	97.5	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0
64.8	95.1	95.9	96.5	97.5	97.8	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
64.8	95.1	95.9	96.5	97.5	97.8	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
64.8	95.1	95.9	96.5	97.5	97.8	98.0	98.2	98.2	98.6	98.6	98.6	99.0	99.0	99.0	99.0
64.8	95.7	96.5	97.1	98.2	98.4	98.8	99.0	99.0	99.4	99.4	99.4	99.8	99.8	99.8	99.8
64.8	95.9	96.7	97.3	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0
64.8	95.9	96.7	97.3	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0
64.8	95.9	96.7	97.3	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0
64.8	95.9	96.7	97.3	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 489

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

702736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEIL	30.7	32.2	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥20000	35.2	38.1	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥18000	36.5	39.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥16000	37.1	40.0	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥14000	37.9	41.0	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥12000	41.8	44.9	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥10000	43.0	46.1	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥9000	45.5	48.6	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥8000	50.6	55.3	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥7000	56.1	65.2	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥6000	58.2	69.1	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥5000	64.1	82.2	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥4500	66.2	86.1	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥4000	67.8	89.3	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥3500	68.6	90.4	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥3000	69.5	92.2	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥2500	69.5	92.8	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥2000	69.9	93.4	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥1800	69.9	93.4	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥1500	70.3	94.7	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥1200	70.3	95.5	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥1000	70.3	95.7	97.7	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥900	70.3	95.9	98.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥800	70.3	95.9	98.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥700	70.3	95.9	98.0	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥600	70.5	96.1	98.2	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥500	70.5	96.1	98.7	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥400	70.5	96.3	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	70.5	96.3	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	70.5	96.3	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	70.5	96.3	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	70.5	96.3	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 488

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

26.5	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
30.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
32.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
33.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
34.0	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
37.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
40.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
44.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
50.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
55.4	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
58.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
63.5	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
65.0	86.5	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
67.5	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
67.9	92.9	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
69.0	95.4	96.5	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
69.2	95.8	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
69.4	96.3	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
69.4	96.3	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
69.4	96.3	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
69.4	97.1	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
69.4	97.3	98.5	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
69.4	97.3	98.5	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
69.4	97.3	98.5	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
69.4	97.5	98.8	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
69.4	97.5	98.8	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
69.4	97.7	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
69.4	97.7	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
69.4	97.7	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
69.4	97.7	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
69.4	97.7	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
69.4	97.7	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 480

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

23.6	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
27.1	32.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
27.9	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
28.1	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
28.6	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
29.0	34.8	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
33.3	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
38.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
45.0	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
48.9	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
52.8	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
56.9	85.9	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
59.1	88.7	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
60.8	93.3	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
61.7	95.9	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
62.6	97.0	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
62.6	97.4	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
62.6	97.6	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
62.6	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
62.6	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
62.6	98.3	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 462

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

VISIBILITY STATUTE MILES

CEILING FEET	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	24.8	28.2	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6
[illegible]	28.4	33.0	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.4	33.4
[illegible]	29.7	34.6	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.1	35.1
[illegible]	30.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.7	35.7
[illegible]	30.9	36.1	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5
[illegible]	33.2	39.2	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.6	39.6	39.6	39.6
[illegible]	36.8	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1
[illegible]	39.7	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.8	47.8
[illegible]	45.4	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.3	56.3
[illegible]	50.6	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0
[illegible]	53.3	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.3	70.3
[illegible]	58.6	81.6	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
[illegible]	60.5	84.8	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
[illegible]	62.7	89.0	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
[illegible]	63.2	90.5	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.9	91.9
[illegible]	63.9	92.3	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9
[illegible]	64.1	93.3	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.1	95.1
[illegible]	64.2	93.9	95.0	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9
[illegible]	64.2	94.0	95.1	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	96.1	96.1
[illegible]	64.3	94.6	95.8	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1
[illegible]	64.3	95.3	96.5	97.1	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.8	97.8
[illegible]	64.3	95.6	96.9	97.5	98.0	98.1	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.8
[illegible]	64.3	95.6	96.9	97.6	98.1	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.9	98.9
[illegible]	64.3	95.7	97.0	97.7	98.2	98.3	98.5	98.6	98.6	98.7	98.8	98.8	98.9	98.9	99.0	99.0
[illegible]	64.3	95.7	97.0	97.8	98.3	98.4	98.6	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.1	99.1
[illegible]	64.4	95.8	97.1	97.8	98.4	98.4	98.7	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.2	99.2
[illegible]	64.4	95.9	97.2	98.0	98.5	98.6	98.8	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.5	99.5
[illegible]	64.4	96.1	97.4	98.2	98.7	98.8	99.1	99.2	99.2	99.3	99.5	99.5	99.6	99.7	99.8	99.8
[illegible]	64.4	96.1	97.5	98.3	98.8	98.9	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.9	99.9
[illegible]	64.4	96.2	97.5	98.4	98.9	99.0	99.2	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.9	100.0
[illegible]	64.4	96.2	97.6	98.4	98.9	99.0	99.3	99.4	99.4	99.5	99.7	99.7	99.8	99.9	100.0	100.0
[illegible]	64.4	96.2	97.6	98.4	98.9	99.0	99.3	99.4	99.4	99.5	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2690

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

	17.4	25.2	25.2	25.2	25.2	25.2	25.5	25.5	25.5	25.5	25.9	25.9	25.9	25.9	25.9	25.9
	17.4	26.2	26.2	26.2	26.2	26.2	26.6	26.6	26.6	26.6	27.0	27.0	27.0	27.0	27.0	27.0
	17.4	26.2	26.2	26.2	26.2	26.2	26.6	26.6	26.6	26.6	27.0	27.0	27.0	27.0	27.0	27.0
	17.4	26.2	26.2	26.2	26.2	26.2	26.6	26.6	26.6	26.6	27.0	27.0	27.0	27.0	27.0	27.0
	17.4	26.6	26.6	26.6	26.6	26.6	27.0	27.0	27.0	27.0	27.3	27.3	27.3	27.3	27.3	27.3
	17.7	28.0	28.0	28.0	28.0	28.0	28.4	28.4	28.4	28.4	28.7	28.7	28.7	28.7	28.7	28.7
	19.5	30.9	30.9	30.9	30.9	30.9	31.2	31.2	31.2	31.2	31.6	31.6	31.6	31.6	31.6	31.6
	19.9	31.9	31.9	31.9	31.9	31.9	32.3	32.3	32.3	32.3	32.6	32.6	32.6	32.6	32.6	32.6
	21.3	36.9	36.9	36.9	36.9	36.9	37.2	37.2	37.2	37.2	37.6	37.6	37.6	37.6	37.6	37.6
	26.2	45.0	45.0	45.0	45.0	45.0	45.4	45.4	45.4	45.4	45.7	45.7	45.7	45.7	45.7	45.7
	32.3	54.6	54.6	54.6	54.6	54.6	55.0	55.0	55.0	55.3	55.7	55.7	55.7	55.7	55.7	55.7
	38.3	65.2	65.2	65.2	65.6	65.6	66.0	66.0	66.0	66.3	66.7	66.7	66.7	66.7	66.7	66.7
	38.7	65.6	65.6	65.6	66.0	66.0	66.3	66.3	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0
	40.8	70.6	70.6	70.6	70.9	70.9	71.3	71.3	71.3	71.6	72.0	72.0	72.0	72.0	72.0	72.0
	40.8	70.9	70.9	70.9	71.3	71.3	71.6	71.6	71.6	72.0	72.3	72.3	72.3	72.3	72.3	72.3
	41.8	75.2	75.2	75.5	75.9	75.9	76.6	76.6	76.6	77.0	77.3	77.3	77.3	77.3	77.3	77.3
	42.9	78.0	78.0	78.4	78.7	78.7	79.4	79.4	79.4	79.8	80.1	80.1	80.1	80.1	80.1	80.1
	44.0	79.8	80.5	81.2	81.6	81.6	82.3	82.3	82.3	82.6	83.0	83.0	83.0	83.0	83.0	83.0
	44.0	79.8	80.5	81.2	81.6	81.6	82.3	82.3	82.3	82.6	83.0	83.0	83.0	83.0	83.0	83.0
	44.0	79.8	80.5	81.2	81.6	81.6	82.6	82.6	82.6	83.0	83.3	83.3	83.3	83.3	83.3	83.3
	44.0	80.1	80.9	81.6	82.3	82.6	84.0	84.0	84.0	84.4	84.8	84.8	84.8	84.8	84.8	84.8
	44.0	81.6	82.6	83.3	85.1	85.5	87.2	87.2	87.2	88.7	89.0	89.0	89.0	89.0	89.0	89.0
	44.0	81.9	83.0	83.7	85.5	85.8	87.6	87.6	88.3	89.7	90.1	90.1	90.1	90.1	90.1	90.1
	44.0	81.9	83.0	84.0	85.8	86.2	87.9	87.9	88.7	90.1	90.4	90.4	90.4	90.4	90.4	90.4
	44.0	82.6	83.7	84.8	86.5	86.9	88.7	89.0	89.7	91.1	91.5	91.5	91.5	91.5	91.5	91.5
	44.0	82.6	83.7	84.8	86.5	86.9	89.4	90.8	91.5	92.9	93.6	93.6	93.6	93.6	93.6	93.6
	44.0	82.6	84.0	85.1	87.9	88.3	90.8	92.6	93.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7
	44.0	83.0	84.4	85.5	88.3	88.7	91.1	92.9	93.6	95.7	96.8	96.8	96.8	96.8	96.8	96.8
	44.0	83.7	85.1	86.2	89.0	89.4	91.8	93.6	94.3	96.5	97.5	97.5	97.5	97.9	98.9	99.3
	44.0	84.0	85.5	86.5	89.4	89.7	92.2	94.0	94.7	96.8	97.9	97.9	97.9	98.2	99.3	99.6
	44.0	84.0	85.5	86.5	89.4	89.7	92.2	94.0	94.7	96.8	97.9	97.9	98.2	98.6	99.6	100.0
	44.0	84.0	85.5	86.5	89.4	89.7	92.2	94.0	94.7	96.8	97.9	97.9	98.2	98.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

12.3	18.3	18.3	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.8	18.8	18.8	18.8	18.8	18.8
13.7	20.2	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.8	20.8	20.8	20.8	20.8	20.8
14.3	21.4	21.4	21.6	21.6	21.6	21.6	21.6	21.6	21.6	22.0	22.0	22.0	22.0	22.0	22.0
14.5	21.8	21.8	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.6	22.6	22.6	22.6	22.6	22.6
14.5	22.0	22.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.8	22.8	22.8	22.8	22.8	22.8
15.5	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.8	24.8	24.8	24.8	24.8	24.8
17.9	26.8	26.8	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.8	27.8	27.8	27.8	27.8	27.8
18.3	28.8	28.8	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.8	29.8	29.8	29.8	29.8	29.8
22.6	34.5	34.5	34.7	35.1	35.1	35.1	35.1	35.1	35.1	35.9	35.9	35.9	35.9	35.9	35.9
28.6	43.3	43.3	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.8	44.8	44.8	44.8	44.8	44.8
33.7	51.6	51.6	52.0	52.4	52.4	52.4	52.6	52.6	52.6	53.4	53.4	53.4	53.4	53.4	53.6
40.9	63.1	63.3	63.7	64.1	64.1	64.1	64.3	64.3	64.5	65.3	65.3	65.3	65.3	65.3	65.5
41.7	64.5	64.7	65.1	65.7	65.7	65.7	65.9	65.9	66.1	66.9	66.9	66.9	66.9	66.9	67.1
43.1	67.5	67.9	68.3	68.8	68.8	68.8	69.0	69.2	69.4	70.2	70.2	70.2	70.2	70.2	70.4
44.0	68.8	69.2	69.8	70.4	70.4	70.4	70.6	70.8	71.0	71.8	71.8	71.8	71.8	71.8	72.0
45.0	71.6	72.6	73.2	74.2	74.2	74.2	74.4	74.6	74.8	75.6	75.6	75.6	75.6	75.6	75.8
45.2	73.4	74.4	75.4	76.4	76.6	76.6	77.0	77.2	77.4	78.2	78.2	78.2	78.2	78.2	78.4
45.2	73.8	75.0	76.0	77.0	77.2	77.2	77.8	78.0	78.2	79.0	79.0	79.0	79.0	79.0	79.2
45.4	74.0	75.2	76.2	77.2	77.4	77.4	78.0	78.2	78.4	79.2	79.2	79.2	79.2	79.2	79.4
45.6	74.8	76.0	77.2	78.2	78.8	78.8	79.4	79.6	79.8	80.6	80.6	80.6	80.6	80.6	80.8
45.6	76.4	78.0	79.4	80.6	81.2	81.3	82.5	82.7	83.1	84.1	84.1	84.1	84.1	84.1	84.3
45.6	76.6	78.4	80.2	81.7	82.3	82.5	83.7	83.9	85.1	86.3	86.3	86.3	86.3	86.3	86.5
45.8	77.0	78.8	80.6	82.1	82.7	83.1	84.3	84.7	85.9	87.1	87.1	87.5	87.5	87.5	87.7
45.8	77.0	78.8	80.8	82.3	82.9	83.9	85.1	85.5	86.7	88.1	88.1	88.5	88.5	88.5	88.7
45.8	77.0	78.8	80.8	82.3	82.9	83.9	85.7	86.1	87.7	89.1	89.1	89.5	89.5	89.5	89.7
45.8	77.4	79.2	81.2	82.9	83.5	84.9	86.7	87.1	88.7	90.1	90.1	90.9	90.9	90.9	91.3
45.8	77.8	80.0	81.9	84.3	84.9	86.7	88.5	88.9	90.9	92.5	92.5	93.8	93.8	94.0	94.6
45.8	78.8	81.0	83.1	85.9	86.5	88.3	90.3	90.7	92.9	94.6	94.6	96.4	96.8	97.0	97.8
45.8	78.8	81.0	83.3	86.1	86.7	88.5	90.7	91.5	93.7	95.4	95.4	97.2	97.6	97.8	98.8
45.8	79.0	81.2	83.5	86.3	86.9	88.7	91.1	91.9	94.0	96.2	96.2	98.0	98.4	98.6	99.8
45.8	79.0	81.2	83.5	86.3	86.9	88.7	91.1	91.9	94.0	96.2	96.2	98.0	98.4	98.6	100.0
45.8	79.0	81.2	83.5	86.3	86.9	88.7	91.1	91.9	94.0	96.2	96.2	98.0	98.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 504

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

? 2736 FT RICHARDSON AK 77-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

11.9	15.7	15.9	15.9	16.1	16.1	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.5
13.7	18.3	18.5	18.5	18.7	18.7	18.8	16.8	18.8	18.8	18.8	18.8	19.0	19.0	19.0	19.2
15.3	20.2	20.4	20.4	20.6	20.6	21.0	21.0	21.0	21.0	21.0	21.0	21.2	21.2	21.2	21.4
15.9	20.8	21.0	21.0	21.2	21.2	21.6	21.6	21.6	21.6	21.8	21.8	22.0	22.0	22.0	22.2
16.5	21.4	21.6	21.6	21.8	21.8	22.2	22.2	22.2	22.2	22.4	22.4	22.6	22.6	22.6	22.8
19.0	24.4	24.8	24.8	25.0	25.0	25.4	25.4	25.4	25.4	25.6	25.6	25.8	25.8	25.8	26.0
20.0	25.6	26.0	26.0	26.2	26.2	26.6	26.6	26.6	26.6	26.8	26.8	27.0	27.0	27.0	27.2
21.3	29.4	29.8	29.8	30.0	30.0	30.4	30.4	30.4	30.4	30.6	30.6	30.8	30.8	30.8	31.0
27.2	35.9	36.3	36.3	36.5	36.5	36.9	36.9	36.9	36.9	37.1	37.1	37.3	37.3	37.3	37.5
33.1	45.6	46.0	46.0	46.2	46.2	46.6	46.6	46.6	46.6	46.8	46.8	47.0	47.0	47.0	47.2
37.1	50.6	51.0	51.0	51.2	51.2	51.6	51.6	51.6	51.6	51.8	51.8	52.0	52.0	[illegible]	52.2
44.6	62.7	63.1	63.1	63.3	63.3	63.7	63.7	63.7	63.7	63.9	63.9	64.1	64.1	64.1	64.3
47.0	66.3	66.7	66.7	66.9	66.9	67.3	67.3	67.3	67.3	67.5	67.5	67.7	67.7	67.7	67.9
49.0	69.2	69.8	69.8	70.0	70.0	70.4	70.4	70.4	70.4	70.8	70.8	71.0	71.0	71.0	71.2
49.6	71.2	71.8	71.8	72.0	72.0	72.4	72.4	72.4	72.4	72.8	72.8	73.0	73.0	73.0	73.2
50.0	73.4	74.2	74.2	74.6	74.8	75.2	75.2	75.2	75.2	75.6	75.6	75.8	75.8	75.8	76.0
50.6	75.2	76.2	76.6	77.2	77.4	77.8	77.8	77.8	77.8	78.2	78.2	78.4	78.4	78.4	78.6
50.6	76.0	77.2	77.6	78.4	78.6	79.0	79.0	79.0	79.0	79.4	79.4	79.6	79.6	79.6	79.8
50.6	76.2	77.4	77.8	78.6	78.8	79.2	79.2	79.2	79.2	79.6	79.6	79.8	79.8	79.8	80.0
50.8	77.6	78.8	79.8	81.2	81.3	81.7	81.7	82.1	82.3	82.7	82.7	82.9	82.9	82.9	83.1
51.0	79.4	80.6	81.5	83.1	83.5	84.5	84.9	85.5	85.7	86.1	86.1	86.3	86.3	86.3	86.5
51.2	79.8	81.0	81.9	83.7	84.1	85.1	85.7	86.3	86.7	87.1	87.1	87.3	87.3	87.3	87.5
51.2	80.0	81.2	82.1	83.9	84.3	85.3	85.9	86.5	86.9	87.5	87.5	87.7	87.7	87.7	87.9
51.4	80.4	81.5	82.7	84.5	85.1	86.1	87.3	87.9	88.7	89.9	89.9	90.1	90.1	90.1	90.5
51.4	80.4	81.5	82.7	84.5	85.1	86.5	87.9	88.7	89.9	91.3	91.3	91.5	91.5	91.5	91.9
51.6	80.8	81.9	83.1	84.9	85.5	86.9	88.5	89.3	90.7	92.1	92.1	92.7	92.7	92.9	93.3
51.8	81.5	82.7	84.1	85.9	86.5	87.9	89.9	90.7	92.9	94.6	94.8	96.2	96.2	96.4	96.8
51.8	81.9	83.1	84.5	86.9	87.5	88.9	91.1	91.9	94.0	96.2	96.4	98.0	98.0	98.2	99.2
51.8	81.9	83.1	84.5	86.9	87.5	89.1	91.3	92.1	94.2	96.4	96.6	98.4	98.6	99.0	100.0
51.8	81.9	83.1	84.5	86.9	87.5	89.1	91.3	92.1	94.2	96.4	96.6	98.4	98.6	99.0	100.0
51.8	81.9	83.1	84.5	86.9	87.5	89.1	91.3	92.1	94.2	96.4	96.6	98.4	98.6	99.0	100.0
51.8	81.9	83.1	84.5	86.9	87.5	89.1	91.3	92.1	94.2	96.4	96.6	98.4	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 504

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2736 FT RICHARDSON AK 77-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

14.3	19.4	19.4	19.4	19.4	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.8	19.8	19.8	19.8
15.4	22.1	22.1	22.1	22.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.5	22.5	22.5	22.5
16.4	23.3	23.3	23.3	23.3	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.7	23.7	23.7	23.7
16.4	23.3	23.3	23.3	23.3	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.7	23.7	23.7	23.7
16.8	23.9	23.9	23.9	23.9	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.3	24.3	24.3	24.3
19.0	27.1	27.1	27.1	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.5	27.5	27.5	27.5
21.1	30.6	30.6	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0	31.0	31.0
22.3	32.4	32.4	32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.8	32.8	32.8	32.8
26.9	38.9	38.9	38.9	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.3	39.3	39.3	39.3
34.0	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.2	49.2	49.2	49.2
36.2	52.6	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.0	53.0
43.9	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0
47.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2
50.4	72.3	72.3	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9	72.9
51.4	75.1	75.1	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7
51.6	76.5	76.7	76.9	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7
51.8	77.7	77.9	78.3	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4
51.8	78.9	79.1	80.4	81.0	81.4	81.8	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.0
51.9	79.4	79.6	81.0	81.6	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6
52.2	81.0	81.4	83.0	83.8	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8
52.4	82.6	83.4	85.0	86.2	86.6	87.7	87.7	87.7	87.7	87.7	87.7	87.9	87.9	87.9	87.9
52.4	83.8	84.8	86.8	88.7	89.1	90.5	90.5	90.5	90.9	90.9	90.9	91.1	91.1	91.1	91.1
52.4	84.0	85.0	87.0	88.9	89.3	90.7	90.7	90.7	91.1	91.1	91.1	91.3	91.3	91.3	91.3
52.4	84.0	85.0	87.0	89.1	90.1	91.9	91.9	91.9	92.3	92.3	92.3	92.5	92.5	92.5	92.5
52.4	84.0	85.0	87.0	89.1	90.3	92.3	92.3	92.3	92.9	93.1	93.1	93.3	93.3	93.3	93.3
52.6	84.2	85.2	87.4	89.5	90.7	92.9	92.9	93.1	93.7	93.9	93.9	94.3	94.3	94.3	94.3
52.6	84.2	85.2	87.4	90.1	91.3	93.7	93.9	94.3	95.3	96.0	96.0	96.6	96.6	96.6	96.6
52.6	84.6	85.6	87.7	90.7	91.9	94.5	94.9	95.3	96.6	97.6	97.6	98.6	98.6	98.6	99.2
52.6	84.6	85.6	87.7	90.7	91.9	94.5	95.3	95.7	97.0	98.0	98.0	99.2	99.2	99.2	100.0
52.6	84.6	85.6	87.7	90.7	91.9	94.5	95.3	95.7	97.0	98.0	98.0	99.2	99.2	99.2	100.0
52.6	84.6	85.6	87.7	90.7	91.9	94.5	95.3	95.7	97.0	98.0	98.0	99.2	99.2	99.2	100.0
52.6	84.6	85.6	87.7	90.7	91.9	94.5	95.3	95.7	97.0	98.0	98.0	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 506

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

15.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	21.0
16.3	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	23.0
17.6	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	24.2
17.6	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	24.2
17.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.8
18.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	27.3
21.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	31.1
23.0	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.7
27.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.9	39.9	39.9	40.7
33.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.3	49.3	49.3	50.1
36.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.5	53.5	53.5	54.3
43.9	64.5	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.3	65.3	65.3	66.1
46.1	68.3	68.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.5	69.5	69.5	70.3
48.1	71.7	72.5	72.9	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.9	73.9	73.9	74.7
48.9	73.1	73.9	74.3	74.7	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.6	75.6	75.6	76.4
49.9	75.4	76.2	76.8	77.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	78.0	78.0	78.0	78.8
50.1	76.0	77.2	78.2	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.4	79.4	79.4	80.2
50.3	77.2	78.8	80.2	80.6	80.6	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.8	81.8	81.8	82.6
50.3	77.8	79.4	80.8	81.4	81.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.6	82.6	82.6	83.4
50.3	78.6	80.6	82.4	83.6	83.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	85.4	85.4	85.4	86.2
50.9	79.8	81.8	83.6	85.0	85.0	86.0	86.2	86.2	86.2	86.4	86.6	87.2	87.2	87.2	87.2	88.0
51.3	81.4	83.6	85.4	87.2	87.2	88.4	88.8	88.8	88.8	89.0	89.2	89.8	90.0	90.2	90.2	91.0
51.3	81.6	83.8	85.6	87.6	87.6	89.0	89.4	89.4	89.4	89.6	89.8	90.4	90.6	90.8	90.8	91.6
51.9	82.2	84.4	86.2	88.6	88.8	90.2	90.6	90.6	90.6	90.8	91.0	91.6	91.8	92.0	92.0	92.8
51.9	82.2	84.4	86.2	88.6	89.2	91.0	91.6	91.6	92.0	92.4	92.6	93.2	93.4	93.6	93.6	94.4
51.9	82.2	84.4	86.2	88.6	89.2	91.0	91.8	91.8	92.6	93.2	93.6	94.2	94.4	94.6	94.6	95.4
51.9	82.4	84.6	86.4	89.0	89.6	91.4	92.6	92.8	94.4	95.2	95.6	96.2	96.4	96.6	96.6	97.4
51.9	82.6	85.0	86.8	89.6	90.2	92.0	93.2	93.4	95.0	95.8	96.2	97.0	97.2	97.4	97.4	98.4
51.9	82.8	85.2	87.0	89.8	90.4	92.6	93.8	94.0	95.6	96.4	96.8	97.8	98.2	98.4	98.4	99.6
51.9	82.8	85.2	87.0	89.8	90.4	92.6	93.8	94.0	95.6	96.4	96.8	97.8	98.2	98.4	100.0	
51.9	82.8	85.2	87.0	89.8	90.4	92.6	93.8	94.0	95.6	96.4	96.8	97.8	98.2	98.4	100.0	
51.9	82.8	85.2	87.0	89.8	90.4	92.6	93.8	94.0	95.6	96.4	96.8	97.8	98.2	98.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 499

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 2736 FT RICHARDSON AK 77-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

12.8	23.1	23.1	23.1	23.1	23.1	23.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
14.9	25.6	25.6	25.6	25.6	25.6	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
16.0	26.7	26.7	26.7	26.7	26.7	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
16.0	26.7	26.7	26.7	26.7	26.7	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
16.0	26.9	26.9	26.9	26.9	26.9	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
17.0	29.2	29.2	29.2	29.2	29.2	29.2	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
18.5	32.6	32.6	32.6	32.6	32.6	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
20.0	35.9	35.9	35.9	35.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
20.8	39.5	39.5	39.5	39.5	39.5	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
26.3	47.7	47.7	47.7	47.7	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
27.7	53.6	53.6	53.6	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
36.3	65.3	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
39.9	70.0	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
40.8	73.3	73.3	73.7	73.9	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
41.0	76.1	76.1	76.5	76.7	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
41.4	78.2	79.0	79.4	79.8	79.8	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
41.4	79.2	80.3	80.7	81.3	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
41.8	81.1	82.8	83.4	84.2	84.2	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
41.8	81.3	83.0	83.6	84.5	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
42.2	81.9	83.6	84.5	85.5	85.5	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
42.2	81.9	83.8	85.1	86.1	86.1	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
42.6	82.4	84.2	85.5	87.2	87.2	87.6	88.7	88.7	88.9	89.3	89.3	89.3	89.3	89.9	89.9
42.6	82.6	84.5	85.7	87.6	87.8	88.4	89.5	89.5	89.7	90.1	90.1	90.1	90.1	90.8	90.8
43.3	83.4	85.3	86.6	88.4	88.9	89.7	90.8	90.8	91.0	91.4	91.4	91.4	91.4	92.0	92.0
43.3	83.6	85.5	86.8	88.7	89.1	90.5	91.8	91.8	92.0	92.4	92.4	92.6	93.1	93.7	93.7
43.3	83.8	85.7	87.0	89.1	89.7	91.2	92.9	92.9	93.3	93.9	93.9	94.1	94.5	95.2	95.2
43.3	83.8	85.7	87.0	89.1	89.7	91.2	92.9	93.1	94.5	95.2	95.4	95.6	96.0	96.6	96.6
43.3	83.8	85.7	87.0	89.1	89.7	91.2	92.9	93.1	94.7	95.6	95.8	96.0	96.4	97.1	97.1
43.3	84.0	85.9	87.2	89.3	89.9	91.4	93.3	93.5	95.8	96.8	97.1	97.3	97.9	98.5	98.5
43.3	84.0	85.9	87.2	89.3	89.9	91.4	93.3	93.5	95.8	96.8	97.1	97.7	98.3	98.9	99.8
43.3	84.0	85.9	87.2	89.3	89.9	91.4	93.3	93.5	95.8	96.8	97.1	97.7	98.3	98.9	99.8
43.3	84.0	85.9	87.2	89.3	89.9	91.4	93.3	93.5	95.8	96.8	97.1	97.7	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 476

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

13.6	19.9	19.9	20.0	20.0	20.0	20.1	20.1	20.1	20.1	20.2	20.2	20.3	20.3	20.3	20.5
15.2	22.1	22.2	22.2	22.2	22.3	22.3	22.4	22.4	22.4	22.5	22.5	22.6	22.6	22.6	22.7
16.1	23.3	23.3	23.4	23.4	23.5	23.6	23.6	23.6	23.6	23.7	23.7	23.8	23.8	23.8	24.0
16.2	23.5	23.5	23.6	23.6	23.6	23.7	23.8	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.2
16.4	23.9	24.0	24.0	24.0	24.1	24.2	24.2	24.2	24.2	24.4	24.4	24.5	24.5	24.5	24.6
17.9	26.4	26.5	26.5	26.5	26.6	26.7	26.7	26.7	26.7	26.9	26.9	27.0	27.0	27.0	27.1
19.7	29.3	29.4	29.4	29.5	29.5	29.6	29.7	29.7	29.7	29.8	29.8	29.9	29.9	29.9	30.1
21.1	32.0	32.1	32.1	32.2	32.2	32.3	32.4	32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.8
24.6	37.6	37.6	37.7	37.8	37.8	37.9	38.0	38.0	38.0	38.2	38.2	38.3	38.3	38.3	38.5
30.7	46.7	46.7	46.8	46.9	47.0	47.1	47.1	47.1	47.1	47.3	47.3	47.5	47.5	47.5	47.6
34.0	52.5	52.6	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.2	53.2	53.4	53.4	53.4	53.6
41.6	63.8	63.9	64.0	64.2	64.2	64.3	64.4	64.4	64.5	64.7	64.7	64.9	64.9	64.9	65.1
44.0	67.2	67.3	67.4	67.7	67.7	67.8	67.9	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.5
45.3	70.8	71.1	71.3	71.6	71.6	71.9	71.9	72.0	72.0	72.3	72.3	72.4	72.4	72.4	72.6
46.4	72.6	73.0	73.2	73.5	73.6	73.8	73.9	73.9	74.0	74.2	74.2	74.4	74.4	74.4	74.6
47.1	75.0	75.6	76.0	76.5	76.6	76.8	76.9	76.9	77.0	77.3	77.3	77.4	77.4	77.4	77.6
47.4	76.4	77.2	77.8	78.4	78.6	78.9	79.0	79.0	79.1	79.3	79.3	79.5	79.5	79.5	79.7
47.6	77.6	78.7	79.6	80.3	80.5	80.9	81.1	81.1	81.2	81.4	81.4	81.6	81.6	81.6	81.8
47.6	77.9	79.0	80.0	80.7	80.8	81.3	81.4	81.5	81.5	81.8	81.8	81.9	81.9	81.9	82.1
47.9	78.9	80.1	81.3	82.3	82.5	83.0	83.2	83.3	83.4	83.7	83.7	83.9	83.9	83.9	84.1
48.0	80.0	81.4	82.7	84.0	84.3	85.1	85.5	85.6	85.8	86.1	86.1	86.3	86.3	86.3	86.5
48.2	80.8	82.4	83.9	85.6	85.9	86.9	87.4	87.6	88.1	88.6	88.6	88.8	88.3	89.0	89.2
48.2	81.1	82.6	84.1	86.0	86.3	87.3	87.9	88.2	88.7	89.2	89.2	89.5	89.5	89.6	89.9
4 .5	81.4	83.0	84.6	86.5	87.0	88.3	89.0	89.2	89.9	90.5	90.5	90.8	90.8	90.9	91.2
48.5	81.5	83.1	84.7	86.6	87.3	88.8	89.8	90.0	90.9	91.6	91.7	92.0	92.1	92.2	92.5
48.6	81.7	83.3	84.9	86.9	87.6	89.4	90.5	90.9	91.9	92.7	92.8	93.3	93.4	93.5	93.8
48.6	82.0	83.7	85.3	87.7	88.4	90.2	91.6	92.1	93.7	94.8	94.9	95.7	95.8	96.0	96.4
48.6	82.4	84.1	85.8	88.4	89.1	91.0	92.5	92.9	94.8	96.1	96.2	97.2	97.4	97.6	98.2
48.6	82.5	84.2	86.0	88.6	89.3	91.3	92.9	93.4	95.4	96.7	96.9	97.9	98.3	98.6	99.4
48.6	82.6	84.3	86.0	88.7	89.4	91.3	93.0	93.5	95.5	96.9	97.0	98.2	98.5	98.9	99.9
48.6	82.6	84.3	86.0	88.7	89.4	91.3	93.0	93.5	95.5	96.9	97.0	98.2	98.6	98.9	100.0
48.6	82.6	84.3	86.0	88.7	89.4	91.3	93.0	93.5	95.5	96.9	97.0	98.2	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2771

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	25	20	17	14	12	10	9	8	7	6	5	4	3	2½	2	1½
18.6	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.6	32.6	33.0	33.0	33.5	33.5	
18.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	33.0	33.0	33.5	33.5	33.9	33.9	
19.0	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.9	33.9	34.4	34.4	34.8	34.8	
19.0	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.9	33.9	34.4	34.4	34.8	34.8	
19.0	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.3	35.3	35.7	35.7	36.2	36.2	
21.7	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	38.0	38.0	38.5	38.5	38.9	38.9	
21.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.5	42.5	43.0	43.0	43.4	43.4	
22.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.9	43.9	44.3	44.3	44.8	44.8	
23.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	48.0	48.0	48.4	48.4	48.9	48.9	
24.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.2	50.2	50.7	50.7	51.1	51.1	
28.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.2	55.2	55.7	55.7	56.1	56.1	
29.9	59.3	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	60.2	60.2	60.6	60.6	61.1	61.1	
30.8	61.5	61.5	61.5	62.4	62.4	62.4	62.4	62.4	62.4	62.9	62.9	63.3	63.3	63.8	63.8	
33.9	66.5	67.0	67.0	67.9	67.9	67.9	67.9	67.9	68.3	68.8	68.8	69.2	69.2	69.7	69.7	
34.4	67.4	67.9	67.9	68.8	68.8	68.8	68.8	68.8	69.2	69.7	69.7	70.1	70.1	70.6	70.6	
34.4	67.9	68.3	68.3	69.7	69.7	69.7	69.7	69.7	70.1	70.6	70.6	71.0	71.0	71.5	71.5	
34.8	70.1	71.0	71.0	72.4	72.4	72.9	72.9	72.9	73.3	73.8	73.8	74.2	74.2	74.7	74.7	
34.8	73.3	74.2	74.2	75.6	75.6	76.0	76.5	76.5	76.9	77.4	77.4	77.8	77.8	78.3	78.3	
34.9	73.3	74.2	74.2	75.6	75.6	76.0	76.5	76.5	76.9	77.4	77.4	77.8	77.8	78.3	78.3	
34.8	74.7	76.5	76.9	78.3	78.3	78.7	79.2	79.2	79.6	80.1	80.1	80.5	80.5	81.0	81.0	
34.8	76.9	78.7	79.6	81.0	81.0	81.4	81.9	81.9	82.8	83.3	83.3	83.7	83.7	84.2	84.2	
34.8	76.9	78.7	79.6	81.0	81.0	81.9	82.8	82.8	84.2	84.6	84.6	85.1	85.1	85.5	85.5	
34.8	77.4	79.2	80.1	81.4	81.4	82.4	83.3	83.3	85.1	85.5	85.5	86.0	86.0	86.4	86.4	
34.8	77.4	79.2	80.1	81.4	81.4	82.4	83.3	83.3	85.1	85.5	85.5	86.4	86.4	86.9	86.9	
34.8	77.8	79.6	80.5	81.9	81.9	83.3	84.6	84.6	86.9	87.3	87.3	88.2	88.2	88.7	88.7	
34.8	78.3	80.1	81.0	82.4	82.4	83.7	86.0	86.0	88.2	88.7	88.7	89.6	89.6	90.0	90.0	
34.8	79.2	81.0	81.9	83.3	83.3	84.6	86.9	86.9	89.6	90.0	90.0	91.9	91.9	92.8	93.2	
34.8	79.2	81.0	81.9	83.3	83.3	84.6	86.9	86.9	90.0	91.4	91.4	93.7	93.7	94.6	96.4	
34.8	79.2	81.0	81.9	83.3	83.3	84.6	86.9	86.9	90.5	91.9	91.9	94.1	94.1	95.0	97.7	
34.8	79.6	81.4	82.4	83.7	83.7	85.1	87.3	87.3	91.0	92.3	92.3	95.0	95.0	95.9	99.1	
34.8	80.1	81.9	82.8	84.2	84.2	85.5	87.8	87.8	91.4	92.8	92.8	95.5	95.5	96.4	99.5	
34.8	80.1	81.9	82.8	84.2	84.2	85.5	87.8	87.8	91.4	92.8	92.8	95.5	95.5	96.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 221

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

16.1	27.4	27.6	27.8	27.8	27.8	27.8	27.8	27.8	28.0	28.0	28.2	28.2	28.5	28.7	28.9
16.3	28.7	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.3	29.3	29.5	29.5	29.7	29.9	30.1
16.8	28.7	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.3	29.3	29.5	29.5	29.7	29.9	30.1
16.8	28.9	29.1	29.3	29.3	29.3	29.3	29.3	29.3	29.5	29.5	29.7	29.7	29.9	30.1	30.4
16.8	29.7	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.4	30.4	30.6	30.6	30.8	31.0	31.2
17.8	31.0	31.2	31.4	31.4	31.4	31.4	31.4	31.4	31.6	31.6	31.8	31.8	32.1	32.3	32.5
18.7	34.2	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.8	34.8	35.0	35.0	35.2	35.5	35.7
19.3	35.2	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.9	35.9	36.1	36.1	36.3	36.5	36.7
21.7	39.9	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.6	40.6	40.8	40.8	41.0	41.2	41.4
24.8	45.2	45.6	45.9	45.9	45.9	45.9	45.9	45.9	46.1	46.1	46.3	46.3	46.5	46.7	46.9
28.2	51.0	51.4	51.6	51.6	51.6	51.8	51.8	51.8	52.0	52.0	52.2	52.2	52.4	52.7	52.9
30.4	58.0	58.8	59.2	59.2	59.2	59.4	59.4	59.4	59.7	59.7	59.9	59.9	60.1	60.3	60.5
32.5	62.0	63.1	63.9	63.9	63.9	64.1	64.3	64.3	64.5	64.5	64.8	64.8	65.0	65.2	65.4
36.1	67.1	68.2	69.0	69.0	69.0	69.2	69.4	69.4	69.6	69.6	69.9	69.9	70.1	70.3	70.5
36.7	68.8	70.5	71.3	71.3	71.3	71.5	71.8	71.8	72.0	72.0	72.2	72.2	72.4	72.6	72.8
36.9	70.1	71.8	72.6	72.8	72.8	73.0	73.2	73.2	73.5	73.5	73.7	73.7	73.9	74.1	74.3
37.4	71.8	73.9	74.9	75.6	75.6	75.8	76.0	76.0	76.2	76.2	76.4	76.4	76.9	77.1	77.3
37.8	73.7	75.8	76.9	77.9	77.9	78.1	79.2	79.2	79.4	79.4	79.6	79.6	80.0	80.3	80.5
37.8	73.9	76.0	77.1	78.1	78.1	78.3	79.4	79.4	79.6	79.6	79.8	79.8	80.3	80.5	80.7
38.0	74.5	77.1	78.1	79.4	79.4	79.8	80.9	80.9	81.1	81.1	81.3	81.3	81.7	82.0	82.2
38.0	75.4	78.3	79.4	80.7	80.7	81.1	82.2	82.2	82.4	82.4	82.6	82.6	83.0	83.4	83.7
38.0	76.0	79.0	80.0	81.3	81.3	81.7	83.2	83.2	84.1	84.1	84.3	84.3	84.7	85.1	85.4
38.0	76.2	79.2	80.3	81.7	81.7	82.2	83.9	83.9	85.4	85.4	85.6	85.6	86.0	86.4	86.6
38.0	76.2	79.2	80.5	82.2	82.2	82.6	84.3	84.3	85.8	86.0	86.2	86.4	86.8	87.3	87.5
38.0	76.9	79.8	81.3	83.0	83.0	83.4	85.1	85.1	87.0	87.5	87.7	88.1	88.5	89.0	89.2
38.0	76.9	80.0	81.7	83.4	83.4	83.9	85.8	85.8	87.7	88.1	88.5	89.2	89.6	90.0	90.2
38.0	77.3	80.5	82.2	84.1	84.1	84.9	87.0	87.0	89.4	90.0	90.9	92.8	93.2	93.6	94.1
38.0	77.5	80.7	82.4	84.5	84.7	85.6	87.7	87.7	90.2	91.3	92.1	94.3	94.9	95.3	96.4
38.0	78.1	81.[illegible]	83.0	85.1	85.4	86.4	88.7	88.7	91.5	92.6	93.4	95.8	96.8	97.7	98.9
38.0	78.3	81.5	83.2	85.4	85.6	86.6	89.0	89.0	91.7	92.8	93.6	96.0	97.0	97.9	99.4
38.0	78.6	82.0	83.7	85.8	86.0	87.0	89.4	89.4	92.1	93.2	94.1	96.4	97.5	98.3	99.8
38.0	78.6	82.0	83.7	85.8	86.0	87.0	89.4	89.4	92.1	93.2	94.1	96.4	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 471

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

18.8	26.4	26.6	27.0	27.2	27.4	27.4	27.4	27.4	27.6	27.8	27.8	28.1	28.1	28.3	28.5
20.7	28.7	28.9	29.3	29.5	29.7	30.0	30.0	30.0	30.2	30.4	30.4	30.6	30.6	30.8	31.0
21.1	29.7	30.0	30.4	30.6	30.8	31.0	31.0	31.0	31.2	31.4	31.4	31.6	31.6	31.9	32.1
21.3	30.0	30.2	30.6	30.8	31.0	31.2	31.2	31.2	31.4	31.6	31.6	31.9	31.9	32.1	32.3
21.7	31.0	31.2	31.6	31.9	32.1	32.3	32.3	32.3	32.5	32.7	32.7	32.9	32.9	33.1	33.3
22.4	33.5	34.0	34.4	34.6	34.8	35.0	35.0	35.0	35.2	35.4	35.4	35.7	35.7	35.9	36.1
25.1	37.6	38.0	38.4	38.6	38.8	39.0	39.0	39.0	39.5	39.7	39.7	39.9	39.9	40.1	40.3
26.2	38.6	39.0	39.5	39.7	39.9	40.1	40.1	40.1	40.5	40.7	40.7	40.9	40.9	41.1	41.4
31.0	46.0	46.4	46.8	47.0	47.3	47.5	47.5	47.5	47.9	48.1	48.1	48.3	48.3	48.5	48.7
35.2	53.8	54.6	55.1	55.3	55.5	55.7	55.7	55.7	56.1	56.3	56.3	56.5	56.5	56.8	57.0
37.1	57.6	58.4	58.9	59.1	59.3	59.5	59.5	59.5	59.9	60.1	60.1	60.3	60.3	60.5	60.8
40.5	64.6	65.4	66.0	66.2	66.5	66.7	66.7	66.7	67.1	67.3	67.3	67.5	67.5	67.7	67.9
42.8	67.1	67.9	68.6	68.8	69.0	69.2	69.2	69.2	69.6	69.8	69.8	70.0	70.0	70.3	70.5
46.0	71.5	72.4	73.0	73.2	73.4	73.6	73.6	73.6	74.1	74.3	74.3	74.5	74.5	74.7	74.9
46.4	72.8	74.1	74.9	75.1	75.3	75.7	75.7	75.7	76.2	76.4	76.4	76.6	76.6	76.8	77.0
46.4	72.8	74.7	75.5	75.7	75.9	76.4	76.4	76.4	76.8	77.0	77.0	77.2	77.2	77.4	77.6
46.4	73.6	75.7	77.0	77.4	77.8	78.9	79.1	79.1	79.7	80.0	80.0	80.2	80.2	80.4	80.6
46.6	74.7	76.8	78.3	78.9	79.3	80.4	80.6	80.6	81.2	81.4	81.4	81.6	81.6	81.9	82.1
46.6	75.1	77.2	78.7	79.3	79.7	80.8	81.0	81.0	81.6	81.9	81.9	82.1	82.1	82.3	82.5
47.5	77.0	80.0	81.4	82.1	82.5	83.5	84.2	84.4	85.0	85.2	85.2	85.4	85.4	85.7	85.9
47.5	77.2	80.2	81.6	82.7	83.1	84.4	85.0	85.2	85.9	86.1	86.1	86.3	86.3	86.5	86.7
47.7	77.4	80.6	82.3	83.8	84.2	85.7	86.3	86.5	87.3	87.6	87.6	87.8	87.8	88.0	88.2
47.7	77.8	81.0	82.9	84.4	84.8	86.3	87.3	87.6	88.4	88.6	88.6	88.8	88.8	89.0	89.2
47.7	77.8	81.2	83.3	85.2	85.7	87.3	88.4	88.6	89.5	89.7	89.7	89.9	90.1	90.3	90.5
47.7	78.1	81.4	83.5	85.4	85.9	87.6	88.6	88.8	89.9	90.3	90.7	91.1	91.4	91.6	91.8
47.7	78.3	81.6	83.8	85.9	86.3	88.2	89.5	89.7	90.7	91.1	91.6	92.2	92.6	92.8	93.5
47.7	78.5	81.9	84.0	86.3	86.7	88.8	90.1	90.3	91.6	92.6	93.2	94.3	94.9	95.1	95.8
47.7	78.7	82.1	84.2	86.5	86.9	89.2	90.5	90.7	92.0	93.0	93.7	95.1	95.8	96.4	97.3
47.7	78.9	82.3	84.4	86.7	87.1	89.5	90.7	90.9	92.4	93.5	94.1	95.6	96.2	97.3	98.7
47.7	79.1	82.5	84.6	86.9	87.3	89.7	90.9	91.1	92.8	93.9	94.5	96.0	96.6	97.9	99.6
47.7	79.1	82.5	84.6	86.9	87.3	89.7	90.9	91.1	92.8	93.9	94.5	96.2	96.8	98.1	100.0
47.7	79.1	82.5	84.6	86.9	87.3	89.7	90.9	91.1	92.8	93.9	94.5	96.2	96.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 474

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

22.6	29.5	29.5	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	30.0	30.0	30.0	30.2
24.3	31.9	31.9	31.9	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.3	32.3	32.3	32.5
25.1	34.0	34.0	34.0	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.4	34.4	34.4	34.6
25.3	34.2	34.2	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.6	34.6	34.6	34.8
25.5	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.2	35.2	35.2	35.4
27.2	38.4	38.4	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.8	38.8	38.8	39.0
28.9	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.9	43.9	43.9	44.1
29.7	44.5	44.5	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.9	44.9	44.9	45.1
32.3	48.3	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.9
37.3	58.9	58.9	58.9	58.9	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.7
39.0	62.2	62.2	62.2	62.2	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.9	62.9	62.9	63.3
43.0	69.0	69.0	69.0	69.2	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	70.3
45.4	71.5	71.5	71.5	71.7	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.8
48.9	76.2	76.2	76.2	76.6	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.6
49.4	78.1	78.3	78.5	79.1	79.3	79.5	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.4
49.8	80.8	81.0	81.6	82.7	82.9	83.1	83.3	83.3	83.8	83.8	83.8	84.0	84.0	84.0	84.4
50.0	82.9	83.5	84.4	85.4	85.7	85.9	86.1	86.1	86.7	86.7	86.7	86.9	86.9	86.9	87.3
50.2	83.3	84.0	85.0	86.1	86.5	86.7	86.9	86.9	87.6	87.6	87.6	87.8	87.8	87.8	88.2
50.2	84.2	84.8	85.9	87.1	87.6	87.8	88.0	88.0	88.6	88.6	88.6	88.8	88.8	88.8	89.2
50.6	85.2	86.5	87.8	89.0	89.5	90.1	90.5	90.5	91.6	91.6	91.6	92.0	92.0	92.0	92.4
50.6	85.4	86.7	88.0	89.5	90.1	90.7	91.4	91.4	92.4	92.4	92.4	92.8	92.8	92.8	93.2
50.6	85.7	86.9	88.2	89.7	90.3	90.9	91.6	91.6	92.8	92.8	92.8	93.2	93.2	93.2	93.7
50.6	85.9	87.3	88.8	90.3	90.9	91.6	92.2	92.2	93.5	93.5	93.5	93.9	93.9	93.9	94.3
50.6	85.9	87.6	89.0	90.5	91.1	91.8	92.4	92.4	93.7	93.7	93.9	94.5	94.5	94.5	94.9
50.6	85.9	87.6	89.0	90.5	91.4	92.0	93.0	93.0	94.3	94.3	94.5	95.4	95.8	95.8	96.2
50.6	85.9	87.6	89.0	90.5	91.4	92.4	93.5	93.5	94.7	94.7	94.9	95.8	96.4	96.6	97.0
50.6	85.9	87.6	89.0	90.5	91.4	92.4	93.7	93.7	94.9	95.4	95.8	96.8	97.5	97.7	98.1
50.6	86.1	87.8	89.5	90.9	91.8	93.0	94.3	94.3	95.8	96.2	96.8	98.5	99.2	99.4	99.8
50.6	86.1	87.8	89.5	90.9	91.8	93.0	94.3	94.3	95.8	96.2	96.8	98.5	99.2	99.6	100.0
50.6	86.1	87.8	89.5	90.9	91.8	93.0	94.3	94.3	95.8	96.2	96.8	98.5	99.2	99.6	100.0
50.6	86.1	87.8	89.5	90.9	91.8	93.0	94.3	94.3	95.8	96.2	96.8	98.5	99.2	99.6	100.0
50.6	86.1	87.8	89.5	90.9	91.8	93.0	94.3	94.3	95.8	96.2	96.8	98.5	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 474

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]2736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

VISIBILITY STATUTE MILES

CEILING FEET	[illegible]	26	25	24	23	22	21	20	19	18	17	16	15	14	13
[illegible]	23.3	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.8	29.8	29.8	29.8	30.0	30.0	30.4	31.0
[illegible]	24.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.1	32.1	32.1	32.1	32.3	32.3	32.8	33.4
≥ 18000	25.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.6	33.6	33.6	33.6	33.8	33.8	34.3	34.9
≥ 15000	26.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.7	34.7	34.7	34.7	34.9	34.9	35.3	36.0
≥ 12000	26.8	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.5	35.5	35.5	35.5	35.8	35.8	36.2	36.8
≥ 10000	27.4	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.2	39.2	39.2	39.2	39.4	39.4	39.8	40.5
≥ 9000	28.7	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.3	44.3	44.3	44.3	44.5	44.5	45.0	45.6
≥ 8000	29.1	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.6	45.6	46.0	46.7
≥ 7000	32.8	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.6	51.6	52.0	52.7
≥ 6000	37.7	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.7	61.9	61.9	61.9	62.1	62.1	62.5	63.2
≥ 5500	39.0	63.6	63.6	63.8	63.8	63.8	63.8	63.8	64.0	64.2	64.2	64.2	64.5	64.5	64.9	65.5
≥ 5000	41.3	70.2	70.2	70.7	70.7	70.7	70.7	70.7	70.9	71.1	71.1	71.1	71.3	71.3	71.7	72.4
≥ 4500	41.5	71.1	71.1	71.7	71.7	71.7	71.7	71.7	71.9	72.2	72.2	72.2	72.4	72.4	72.8	73.4
≥ 4000	44.3	75.6	75.6	76.2	76.4	76.4	76.4	76.4	76.7	76.9	76.9	76.9	77.1	77.1	77.5	78.2
≥ 3500	45.2	77.1	77.3	77.9	78.2	78.2	78.2	78.2	78.4	78	78.6	78.6	78.8	78.8	79.2	79.9
≥ 3000	46.5	80.5	81.2	82.2	83.7	83.7	83.7	83.7	83.9	84.2	84.2	84.2	84.4	84.4	84.8	85.4
≥ 2500	46.5	81.6	82.4	83.5	85.0	85.0	85.2	85.4	85.7	85.9	85.9	85.9	86.1	86.1	86.5	87.2
≥ 2000	46.5	82.4	83.7	84.8	86.7	87.2	87.4	87.6	87.8	88.0	88.0	88.0	88.2	88.2	88.7	89.3
≥ 1800	46.5	82.4	83.7	84.8	86.9	87.4	87.6	87.8	88.0	88.2	88.2	88.2	88.4	88.4	88.9	89.5
≥ 1500	46.5	83.1	84.6	85.9	88.4	89.1	89.7	89.9	90.1	90.6	90.6	90.6	90.8	90.8	91.2	91.9
≥ 1200	46.5	83.1	84.8	86.1	89.1	89.7	90.4	90.8	91.0	91.4	91.4	91.4	91.9	91.9	92.3	92.9
≥ 1000	46.5	83.3	85.4	86.7	89.9	90.6	91.2	91.6	91.9	92.7	92.7	92.9	93.4	93.4	93.8	94.4
≥ 900	46.5	83.3	85.9	87.2	90.6	91.2	91.9	92.5	92.7	93.6	93.6	93.8	94.2	94.2	94.6	95.3
≥ 800	46.5	83.3	85.9	87.4	91.0	91.6	92.3	92.9	93.1	94.0	94.4	94.6	95.1	95.1	95.5	96.1
≥ 700	46.7	83.7	86.3	87.8	91.6	92.3	92.9	93.6	93.8	94.6	95.1	95.3	95.7	95.7	96.1	96.8
≥ 600	46.7	83.9	86.5	88.0	91.9	92.5	93.1	93.8	94.0	94.9	95.3	95.5	95.9	95.9	96.4	97.0
≥ 500	46.7	83.9	86.5	88.0	91.9	92.5	93.1	93.8	94.0	94.9	95.3	95.5	96.1	96.6	97.0	97.6
≥ 45[illegible]	46.7	83.9	86.5	88.0	92.1	92.7	93.4	94.0	94.2	95.1	95.9	96.1	96.8	97.2	97.6	98.3
≥ 400	46.7	83.9	86.5	88.0	92.3	92.9	93.8	94.4	94.6	95.5	96.4	96.6	97.2	97.6	98.5	99.1
≥ 300	46.7	83.9	86.5	88.0	92.3	92.9	93.8	94.4	94.6	95.7	96.6	96.8	97.4	97.9	98.9	99.8
≥ 200	46.7	83.9	86.5	88.0	92.3	92.9	93.8	94.4	94.6	95.7	96.6	97.0	97.6	98.1	99.1	100.0
≥ [illegible]	46.7	83.9	86.5	88.0	92.3	92.9	93.8	94.4	94.6	95.7	96.6	97.0	97.6	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 467

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

20.8	32.6	32.8	33.0	33.3	33.3	33.5	33.7	33.7	33.9	33.9	33.9	34.1	34.1	34.4	34.4
21.1	34.1	34.4	34.6	34.8	34.8	35.0	35.3	35.3	35.5	35.5	35.5	35.7	35.7	35.9	35.9
21.1	34.8	35.0	35.3	35.5	35.5	35.9	36.1	36.1	36.4	36.4	36.4	36.6	36.6	36.8	36.8
21.3	35.3	35.5	35.7	35.9	35.9	36.4	36.6	36.6	36.8	36.8	36.8	37.0	37.0	37.3	37.3
22.1	35.9	36.1	36.4	36.6	36.6	37.0	37.3	37.3	37.5	37.5	37.5	37.7	37.7	37.9	37.9
22.2	37.7	37.9	38.1	38.4	38.4	38.8	39.0	39.0	39.2	39.2	39.2	39.5	39.5	39.7	39.7
23.7	42.1	42.4	42.6	42.8	42.8	43.2	43.5	43.5	43.7	43.7	43.7	43.9	43.9	44.1	44.1
23.7	43.0	43.2	43.5	43.7	43.7	44.1	44.3	44.3	44.6	44.6	44.6	44.8	44.8	45.0	45.0
25.5	45.7	45.9	46.1	46.3	46.3	46.8	47.0	47.0	47.2	47.2	47.2	47.5	47.5	47.7	47.7
28.6	56.5	56.8	57.0	57.2	57.2	57.6	57.9	57.9	58.1	58.1	58.1	58.3	58.3	58.5	58.5
30.2	59.4	59.6	59.9	60.1	60.1	60.5	60.8	60.8	61.0	61.0	61.0	61.2	61.2	61.4	61.4
31.7	66.3	66.5	66.7	67.0	67.0	67.4	67.6	67.6	67.8	67.8	67.8	68.1	68.1	68.3	68.3
31.9	67.2	67.4	67.6	67.8	67.8	68.3	68.5	68.5	68.7	68.7	68.7	69.0	69.0	69.2	69.2
33.7	72.3	72.5	72.7	73.2	73.2	73.6	73.8	73.8	74.1	74.1	74.1	74.3	74.3	74.5	74.5
35.3	75.4	76.1	76.5	76.9	76.9	77.4	77.8	77.8	78.0	78.0	78.0	78.3	78.3	78.5	78.5
35.9	78.0	80.0	81.2	82.5	82.5	83.1	83.6	83.6	84.0	84.0	84.0	84.3	84.3	84.5	84.5
36.1	79.8	81.8	83.1	84.5	84.5	85.1	85.6	85.6	86.0	86.0	86.0	86.3	86.3	86.5	86.5
36.1	80.3	82.3	83.8	85.1	85.1	85.8	86.3	86.3	86.7	86.7	86.7	86.9	86.9	87.1	87.1
36.1	80.3	82.3	83.8	85.1	85.1	85.8	86.3	86.3	86.7	86.7	86.7	86.9	86.9	87.1	87.1
36.1	80.3	82.3	83.8	85.6	85.6	86.5	86.9	86.9	87.4	87.4	87.4	87.6	87.6	87.8	87.8
36.1	80.5	82.7	84.7	86.7	86.9	87.8	88.2	88.2	88.7	88.7	88.7	88.9	88.9	89.1	89.1
36.1	81.6	83.8	85.8	87.8	88.0	88.9	89.8	89.8	90.2	90.2	90.2	90.5	90.5	90.7	90.7
36.1	81.6	83.8	85.8	88.0	88.2	89.1	90.7	90.7	91.6	91.6	91.6	91.8	91.8	92.0	92.0
36.1	81.6	83.8	86.0	88.2	88.5	89.4	91.1	91.1	92.5	92.9	92.9	93.1	93.1	93.3	93.3
36.1	81.8	84.0	86.3	88.7	88.9	89.8	91.6	91.6	92.9	93.3	93.3	93.6	93.6	93.8	93.8
36.1	82.0	84.3	86.5	88.9	89.1	90.0	91.8	91.8	93.1	93.8	93.8	94.0	94.0	94.2	94.2
36.1	82.3	84.5	86.7	89.8	90.0	90.9	92.7	92.7	94.2	94.9	94.9	95.1	95.1	95.3	95.3
36.1	82.3	85.1	87.4	91.5	90.7	91.8	93.6	93.6	95.1	95.8	95.8	96.5	96.5	96.9	96.9
36.1	82.3	85.1	87.4	91.1	91.4	92.5	94.2	94.2	95.8	96.7	96.7	97.3	97.3	97.8	98.2
36.1	82.7	85.6	87.8	91.8	92.0	93.1	94.9	94.9	96.5	97.3	97.3	98.0	98.0	98.4	99.3
36.1	82.7	85.6	87.8	92.0	92.2	93.6	95.6	95.6	97.1	98.0	98.0	98.7	98.7	99.1	100.0
36.1	82.7	85.6	87.8	92.0	92.2	93.6	95.6	95.6	97.1	98.0	98.0	98.7	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 451

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

20.2	29.3	29.4	29.6	29.7	29.7	29.8	29.8	29.9	30.0	30.1	30.1	30.3	30.3	30.6	30.8
21.3	31.2	31.3	31.4	31.5	31.6	31.7	31.7	31.7	31.9	31.9	32.0	32.2	32.2	32.4	32.7
21.6	32.2	32.3	32.5	32.6	32.6	32.8	32.8	32.8	33.0	33.0	33.1	33.3	33.3	33.5	33.8
21.9	32.6	32.7	32.9	33.0	33.0	33.2	33.2	33.2	33.3	33.4	33.5	33.7	33.7	33.9	34.2
22.2	33.5	33.6	33.7	33.8	33.9	34.0	34.1	34.1	34.2	34.3	34.3	34.5	34.6	34.8	35.0
23.3	36.0	36.2	36.4	36.4	36.5	36.6	36.7	36.7	36.8	36.9	36.9	37.1	37.2	37.4	37.6
24.7	40.4	40.5	40.7	40.8	40.9	41.0	41.0	41.1	41.2	41.3	41.4	41.6	41.6	41.8	42.1
25.3	41.4	41.6	41.8	41.9	41.9	42.1	42.1	42.1	42.3	42.4	42.4	42.6	42.7	42.9	43.1
28.2	46.3	46.4	46.6	46.7	46.8	46.9	47.0	47.0	47.1	47.2	47.3	47.5	47.5	47.7	48.0
32.1	54.7	54.9	55.1	55.2	55.3	55.4	55.5	55.5	55.7	55.8	55.8	56.0	56.1	56.3	56.5
34.2	58.4	58.7	58.9	59.0	59.0	59.2	59.3	59.3	59.5	59.6	59.6	59.8	59.9	60.1	60.4
36.8	65.1	65.4	65.7	65.9	65.9	66.1	66.2	66.2	66.4	66.5	66.5	66.7	66.8	67.0	67.3
38.2	67.2	67.6	68.1	68.3	68.3	68.5	68.6	68.6	68.8	68.9	69.0	69.2	69.2	69.4	69.7
41.2	72.0	72.4	72.9	73.2	73.3	73.4	73.5	73.6	73.8	73.9	73.9	74.1	74.2	74.4	74.7
41.9	73.8	74.6	75.1	75.5	75.6	75.8	76.0	76.0	76.2	76.3	76.3	76.5	76.6	76.8	77.1
42.4	75.7	76.9	77.7	78.6	78.7	79.0	79.1	79.2	79.5	79.6	79.6	79.8	79.9	80.1	80.4
42.6	77.2	78.7	79.7	80.8	80.9	81.4	81.6	81.6	82.1	82.1	82.2	82.4	82.4	82.7	83.0
42.8	78.4	79.9	81.1	82.3	82.5	83.0	83.4	83.5	83.9	84.0	84.0	84.2	84.3	84.5	84.8
42.8	78.7	80.2	81.4	82.6	82.9	83.3	83.8	83.8	84.2	84.3	84.4	84.6	84.6	84.9	85.1
43.0	79.6	81.6	82.8	84.3	84.6	85.3	85.8	85.9	86.5	86.6	86.6	86.8	86.9	87.1	87.4
43.0	80.0	82.2	83.6	85.3	85.7	86.4	87.0	87.1	87.7	87.8	87.8	88.1	88.2	88.4	88.7
43.1	80.5	82.8	84.2	86.0	86.4	87.2	88.0	88.1	89.0	89.1	89.1	89.4	89.5	89.8	90.0
43.1	80.6	83.1	84.6	86.5	86.9	87.7	88.8	88.9	90.0	90.1	90.1	90.4	90.5	90.8	91.0
43.1	80.6	83.2	84.8	86.9	87.3	88.1	89.2	89.3	90.5	90.8	90.9	91.3	91.4	91.7	92.0
43.1	81.0	83.5	85.1	87.3	87.7	88.6	89.9	90.0	91.3	91.7	91.9	92.4	92.6	92.8	93.1
43.1	81.1	83.7	85.4	87.6	88.0	89.0	90.4	90.5	91.9	92.3	92.5	93.1	93.4	93.7	94.0
43.1	81.4	83.9	85.6	88.0	88.4	89.6	91.0	91.1	92.7	93.3	93.7	94.8	95.2	95.5	95.9
43.1	81.5	84.1	85.9	88.4	88.8	90.1	91.6	91.6	93.3	94.2	94.6	96.0	96.4	96.9	97.6
43.1	81.6	84.3	86.0	88.7	89.1	90.5	92.0	92.1	93.9	94.8	95.2	96.6	97.1	97.9	98.9
43.1	81.8	84.5	86.2	88.9	89.4	90.7	92.2	92.3	94.2	95.1	95.5	97.0	97.5	98.3	99.6
43.1	81.9	84.6	86.4	89.1	89.5	90.9	92.5	92.5	94.4	95.3	95.8	97.3	97.8	98.6	99.9
43.1	81.9	84.6	86.4	89.1	89.5	90.9	92.5	92.5	94.4	95.3	95.8	97.3	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2558

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

20.1	38.4	38.4	38.4	38.4	38.4	38.4	39.3	39.3	39.3	39.3	39.3	39.7	39.7	40.2	40.2
20.1	38.4	38.4	38.4	38.4	38.4	38.4	39.3	39.3	39.3	39.3	39.3	39.7	39.7	40.2	40.2
20.1	39.3	39.3	39.3	39.3	39.3	39.3	40.2	40.2	40.2	40.2	40.2	40.6	40.6	41.1	41.1
20.1	39.3	39.3	39.3	39.3	39.3	39.3	40.2	40.2	40.2	40.2	40.2	40.6	40.6	41.1	41.1
20.5	40.6	40.6	40.6	40.6	40.6	40.6	41.5	41.5	41.5	41.5	41.5	42.0	42.0	42.4	42.4
21.0	43.8	43.8	43.8	43.8	43.8	43.8	44.6	44.6	44.6	44.6	44.6	45.1	45.1	45.5	45.5
25.0	48.2	48.2	48.2	48.2	48.2	48.2	49.1	49.1	49.1	49.1	49.1	49.6	49.6	50.4	50.4
25.4	50.0	50.0	50.0	50.0	50.0	50.0	50.9	50.9	50.9	50.9	50.9	51.3	51.3	52.2	52.2
23.6	55.8	55.8	55.8	55.8	55.8	55.8	56.7	56.7	56.7	56.7	56.7	57.1	57.1	58.0	58.0
29.9	59.8	59.8	59.8	59.8	59.8	60.3	61.2	61.2	61.2	61.2	61.2	61.6	61.6	62.5	62.5
32.1	64.3	64.3	64.3	64.3	64.3	64.7	65.6	65.6	65.6	65.6	65.6	66.1	66.1	67.0	67.0
33.9	67.0	67.0	67.0	67.0	67.0	67.4	68.3	68.3	68.3	68.3	68.3	68.8	68.8	69.6	69.6
34.4	71.0	71.0	71.0	71.0	71.0	71.4	72.3	72.3	72.3	72.3	72.3	72.8	72.8	73.7	73.7
35.3	76.8	77.2	77.2	77.2	77.2	77.7	78.6	78.6	78.6	78.6	78.6	79.0	79.0	79.9	79.9
35.3	77.2	77.7	77.7	77.7	77.7	78.1	79.0	79.0	79.0	79.0	79.0	79.5	79.5	80.4	80.4
35.7	78.6	79.0	79.0	79.9	79.9	80.8	81.7	81.7	81.7	81.7	81.7	82.1	82.1	83.0	83.0
35.7	79.9	80.8	80.8	81.7	81.7	82.6	83.5	83.5	83.5	83.5	83.5	83.9	83.9	84.8	84.8
35.7	81.3	82.1	82.1	84.4	84.4	85.3	86.2	86.2	86.2	86.2	86.2	86.6	86.6	87.5	87.5
35.7	82.6	83.5	83.5	86.2	86.2	87.1	87.9	87.9	87.9	87.9	87.9	88.4	88.4	89.3	89.3
35.7	83.9	84.8	84.8	87.5	87.5	88.4	89.3	89.3	89.3	89.3	89.3	89.7	89.7	90.6	90.6
35.7	83.9	84.8	84.8	87.5	87.5	88.4	89.3	89.3	89.3	89.3	89.3	89.7	89.7	90.6	90.6
35.7	83.9	84.8	84.8	88.4	88.4	89.3	90.2	90.2	90.2	90.2	90.2	90.6	90.6	91.5	91.5
35.7	83.9	84.8	84.8	88.4	88.4	89.3	90.2	90.2	90.2	90.2	90.2	90.6	90.6	91.5	91.5
35.7	83.9	84.8	84.8	88.4	88.4	89.3	90.2	90.2	90.2	90.2	90.2	90.6	90.6	91.5	91.5
35.7	84.4	85.3	85.3	88.8	88.8	89.7	90.6	90.6	90.6	90.6	90.6	91.1	91.1	92.0	92.0
35.7	84.8	85.7	85.7	89.3	89.3	90.2	91.5	91.5	91.5	91.5	91.5	92.0	92.0	92.9	92.9
35.7	85.3	86.2	86.2	89.7	89.7	90.6	92.0	92.0	92.0	92.0	92.0	92.4	92.4	93.3	93.3
36.2	86.2	87.1	87.1	90.6	90.6	91.5	92.9	92.9	93.8	93.8	93.8	94.2	94.2	95.1	95.1
36.2	86.6	87.5	87.5	91.1	91.1	92.0	93.3	93.3	94.2	94.2	94.2	94.6	94.6	96.0	96.0
36.2	86.6	87.9	87.9	91.5	91.5	92.4	93.8	93.8	95.1	95.1	95.1	96.0	96.0	97.3	98.2
36.2	86.6	87.9	87.9	91.5	91.5	92.4	93.8	93.8	95.5	96.0	96.0	96.9	96.9	98.2	99.6
36.2	87.1	88.4	88.4	92.0	92.0	92.9	94.2	94.2	96.0	96.4	96.4	97.3	97.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 224

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

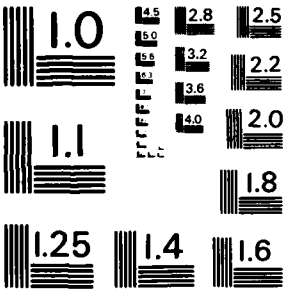
19.4	39.7	40.1	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.5	40.5	40.9	40.9
19.4	39.7	40.1	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.5	40.5	40.9	40.9
19.4	41.1	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.9	41.9	42.3	42.3
19.4	41.1	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.9	41.9	42.3	42.3
19.4	41.7	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.5	42.5	42.9	42.9
19.4	42.9	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8	[illegible]	44.2	44.2
22.1	46.4	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.2	47.2	47.6	47.6
22.9	47.9	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	49.1	49.1
26.8	54.4	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.2	55.2	55.6	55.6
28.2	59.3	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.5	60.5
29.4	63.8	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	65.0	65.0
32.5	68.7	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.9	69.9
33.3	70.8	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	[illegible]	71.6	72.0	72.0
35.0	77.1	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.7	78.7	79.1	79.1
35.2	77.9	78.7	78.9	79.3	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.8	79.8	80.2	80.2
35.6	80.0	81.0	81.2	81.8	81.8	81.8	81.8	81.8	82.2	82.2	82.2	82.4	82.4	82.8	82.8
36.0	82.8	83.8	84.3	85.5	85.5	85.5	85.9	85.9	86.3	86.3	86.3	86.5	86.5	86.9	86.9
36.0	82.8	83.8	84.3	85.5	85.5	85.7	86.5	86.5	86.9	86.9	86.9	87.1	87.1	87.5	87.5
36.0	83.2	84.3	84.7	85.9	85.9	86.1	86.9	86.9	87.3	87.3	87.3	87.5	87.5	87.9	87.9
36.2	84.0	85.1	85.7	87.5	87.7	88.1	89.0	89.0	89.4	89.4	89.4	89.6	89.6	90.0	90.0
36.2	84.0	85.1	85.7	87.5	87.7	88.1	89.0	89.0	89.4	89.4	89.4	89.6	89.6	90.0	90.0
36.2	84.3	85.3	35.9	87.7	87.9	88.3	89.6	89.6	90.2	90.2	90.2	90.4	90.4	90.8	90.8
36.2	84.7	85.7	86.3	88.1	88.3	88.8	90.2	90.2	90.8	90.8	90.8	91.0	91.0	91.4	91.4
36.2	84.9	85.9	86.5	88.5	89.0	89.4	90.8	90.8	92.0	92.0	92.0	92.2	92.2	92.6	92.6
36.2	84.9	85.9	86.5	88.5	89.0	89.4	90.8	90.8	92.0	92.0	92.0	92.2	92.2	92.6	92.6
36.2	85.1	86.1	86.7	88.8	89.2	89.6	91.2	91.2	92.4	92.4	92.4	92.6	92.6	93.0	93.0
36.2	85.3	86.3	86.9	89.2	89.6	90.2	91.8	91.8	93.0	93.0	93.0	93.5	93.5	93.9	93.9
36.2	85.7	86.7	87.5	90.0	90.4	91.0	92.6	92.6	94.3	94.5	94.5	94.9	94.9	95.3	95.3
36.2	85.7	86.9	87.7	90.2	90.8	91.4	93.0	93.0	94.7	94.9	94.9	95.5	95.5	95.9	95.9
36.4	86.3	87.5	89.0	91.6	92.2	92.8	94.5	94.5	96.1	96.3	96.3	97.1	97.1	97.8	98.0
36.4	86.7	87.9	89.4	92.2	92.8	93.5	95.1	95.1	96.9	97.3	97.3	98.2	98.2	98.8	99.6
36.4	86.7	87.9	89.4	92.2	92.8	93.5	95.3	95.3	97.1	97.5	97.5	98.4	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 489

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A134 207 FT RICHARDSON ALASKA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOC..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 15 AUG 83 3/4

UNCLASSIFIED USAFETAC/DS-83/029 SBI-AD-E850 425 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]2736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

17.2	33.9	34.1	34.7	35.2	35.2	35.2	35.2	35.2	35.6	35.8	35.8	36.0	36.0	36.4	36.6
17.4	34.3	34.5	35.2	35.6	35.6	35.6	35.6	35.6	36.2	36.4	36.4	36.6	36.6	37.0	37.2
17.4	34.9	35.2	35.8	36.2	36.2	36.2	36.2	36.2	36.8	37.0	37.0	37.2	37.2	37.6	37.8
18.0	36.4	36.8	37.4	37.8	37.8	37.8	37.8	37.8	38.4	38.6	38.6	38.8	38.8	39.2	39.6
18.4	36.8	37.2	37.8	38.2	38.2	38.2	38.2	38.2	38.8	39.0	39.0	39.2	39.2	39.6	40.0
19.4	38.2	38.6	39.2	39.6	39.6	39.6	39.6	39.6	40.2	40.4	40.4	40.6	40.6	41.0	41.4
21.8	42.0	42.4	43.0	43.6	43.6	43.6	43.6	43.6	44.2	44.4	44.4	44.6	44.8	45.3	45.7
23.8	44.6	45.1	45.7	46.3	46.3	46.3	46.3	46.3	46.9	47.1	47.1	47.3	47.5	47.9	48.3
27.5	50.7	51.1	51.7	52.3	52.3	52.3	52.3	52.3	52.9	53.1	53.1	53.3	53.5	53.9	54.3
32.1	58.0	58.4	59.0	60.0	60.0	60.2	60.2	60.2	60.8	61.0	61.0	61.2	61.4	61.8	62.2
32.7	60.6	61.0	61.6	62.6	62.6	62.8	62.8	62.8	63.4	63.6	63.6	64.0	64.2	64.6	65.1
34.5	64.6	65.1	65.7	66.7	66.7	66.9	66.9	66.9	67.5	67.7	67.7	68.3	68.5	68.9	69.3
35.2	66.9	67.3	67.9	68.9	68.9	69.1	69.1	69.1	69.7	69.9	69.9	70.5	70.7	71.1	71.5
36.8	74.1	75.2	76.2	77.6	77.8	78.0	78.0	78.0	78.6	78.8	78.8	79.4	79.6	80.0	80.4
37.6	76.0	77.2	78.2	79.6	79.8	80.0	80.0	80.0	80.6	80.8	80.8	81.4	81.6	82.0	82.4
37.6	76.6	77.8	78.8	80.4	80.8	81.0	81.0	81.0	81.6	81.8	81.8	82.4	82.6	83.0	83.4
38.2	78.8	80.2	81.6	83.6	84.0	84.2	84.2	84.2	84.8	85.1	85.1	85.7	85.9	86.3	86.7
38.6	79.6	81.4	83.0	85.1	85.5	85.7	85.7	85.7	86.5	86.7	86.7	87.3	87.5	87.9	88.3
38.6	79.6	81.4	83.0	85.3	85.7	85.9	85.9	86.1	86.9	87.1	87.1	87.7	87.9	88.3	88.7
38.6	80.0	82.0	83.8	86.3	86.9	87.1	87.3	87.5	88.3	88.7	88.7	89.3	89.5	89.9	90.3
38.6	80.2	82.2	84.0	86.5	87.1	87.5	87.7	87.9	88.7	89.1	89.1	89.7	89.9	90.3	90.7
38.8	80.8	82.8	84.6	87.1	87.7	88.1	88.7	88.9	90.5	91.1	91.1	91.7	91.9	92.5	92.9
38.8	80.8	82.8	84.6	87.1	87.7	88.1	88.7	88.9	90.5	91.1	91.1	91.7	91.9	92.5	92.9
38.8	80.8	82.8	84.6	87.1	87.7	88.1	88.7	88.9	90.9	91.5	91.5	92.1	92.3	92.9	93.3
38.8	81.0	83.0	84.8	87.3	87.9	88.3	88.9	89.1	91.1	91.7	91.7	92.3	92.5	93.1	93.5
38.8	81.2	83.2	85.1	87.5	88.1	88.5	89.1	89.3	91.3	91.9	91.9	92.7	92.9	93.5	93.9
38.8	81.6	83.6	85.7	88.3	88.9	89.3	89.9	90.1	92.1	92.7	92.7	93.7	93.9	94.5	94.9
38.8	81.6	83.6	85.7	88.3	88.9	89.3	89.9	90.1	92.3	92.9	92.9	93.9	94.1	94.7	96.0
38.8	81.8	83.8	85.9	89.1	89.7	90.1	90.9	91.1	93.3	93.9	93.9	95.2	95.4	96.0	97.4
38.8	81.8	83.8	85.9	89.3	89.9	90.3	91.1	91.3	93.5	94.1	94.1	96.2	96.4	97.4	98.8
38.8	81.8	83.8	85.9	89.3	89.9	90.3	91.1	91.3	93.5	94.5	94.5	96.8	97.0	98.2	100.0
38.8	81.8	83.8	85.9	89.3	89.9	90.3	91.1	91.3	93.5	94.5	94.5	96.8	97.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 495

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	19.1	32.4	33.1	33.7	33.9	33.9	34.1	34.1	34.1	34.3	34.3	34.3	34.5	34.5	34.5	34.5
	19.9	33.5	34.1	34.7	34.9	34.9	35.1	35.1	35.1	35.3	35.3	35.3	35.5	35.5	35.5	35.5
	21.1	35.7	36.3	37.0	37.2	37.2	37.4	37.4	37.4	37.6	37.6	37.6	37.8	37.8	37.8	38.0
	21.6	36.6	37.2	37.8	38.0	38.0	38.2	38.2	38.2	38.4	38.4	38.4	38.6	38.6	38.6	38.8
	22.0	37.8	38.4	39.0	39.2	39.2	39.4	39.4	39.4	39.6	39.6	39.6	39.8	39.8	39.8	40.0
	24.6	40.7	41.3	41.9	42.1	42.1	42.3	42.3	42.3	42.5	42.5	42.5	42.7	42.7	42.7	42.9
	25.9	44.6	45.2	45.8	46.2	46.2	46.4	46.4	46.4	46.6	46.6	46.6	46.8	46.8	46.8	47.0
	27.3	46.4	47.0	47.6	48.0	48.0	48.3	48.3	48.3	48.5	48.5	48.5	48.7	48.7	48.7	48.9
	31.4	53.2	53.8	54.4	54.8	54.8	55.0	55.0	55.0	55.2	55.2	55.2	55.4	55.4	55.4	55.6
	37.2	61.4	62.2	62.8	63.2	63.2	63.4	63.4	63.4	63.7	63.7	63.7	63.9	63.9	63.9	64.1
	39.4	64.7	65.5	66.1	66.5	66.5	66.7	66.7	66.7	66.9	66.9	66.9	67.1	67.1	67.1	67.4
	42.3	69.0	69.8	70.4	70.8	70.8	71.0	71.0	71.0	71.3	71.3	71.3	71.5	71.5	71.5	71.7
	43.7	72.1	73.1	73.7	74.5	74.5	74.7	74.7	74.7	74.9	74.9	74.9	75.2	75.2	75.2	75.4
	44.4	77.2	78.6	79.9	80.7	80.7	81.1	81.1	81.1	81.3	81.3	81.3	81.5	81.5	81.5	81.7
	45.8	79.7	81.1	82.3	83.4	83.4	83.8	83.8	83.8	84.0	84.0	84.0	84.2	84.2	84.2	84.4
	46.6	83.0	84.6	86.0	87.1	87.1	88.1	88.1	88.1	88.5	88.9	88.9	89.1	89.1	89.1	89.3
	47.2	84.0	86.0	87.5	88.5	88.5	89.7	89.7	89.7	90.1	90.6	90.6	90.8	90.8	90.8	91.0
	47.4	84.2	86.2	87.7	89.1	89.1	90.3	90.3	90.3	90.8	91.2	91.2	91.4	91.4	91.4	91.6
	47.4	84.2	86.2	87.7	89.1	89.1	90.3	90.3	90.3	90.8	91.2	91.2	91.4	91.4	91.4	91.6
	47.4	84.6	86.7	88.1	89.7	89.7	91.2	91.2	91.2	91.8	92.2	92.2	92.4	92.4	92.4	92.6
	47.4	85.0	87.3	88.7	90.6	90.6	92.0	92.0	92.2	92.8	93.2	93.2	93.4	93.4	93.4	93.6
	47.4	85.0	87.3	88.7	90.6	90.6	92.0	92.6	93.0	93.6	94.0	94.0	94.3	94.3	94.3	94.5
	47.4	85.0	87.3	88.7	90.6	90.6	92.0	92.6	93.0	93.6	94.0	94.0	94.5	94.5	94.5	94.7
	47.4	85.0	87.3	88.7	90.8	90.8	92.2	92.8	93.2	93.8	94.3	94.3	94.7	94.7	94.7	94.9
	47.4	85.0	87.3	88.7	90.8	90.8	92.2	92.8	93.2	94.0	94.5	94.5	94.9	94.9	94.9	95.1
	47.4	85.0	87.3	88.7	90.8	90.8	92.2	92.8	93.2	94.0	94.5	94.5	94.9	94.9	94.9	95.1
	47.4	85.6	87.9	89.3	91.4	91.4	93.0	93.8	94.3	95.5	95.9	95.9	96.5	96.5	96.5	96.7
	47.4	85.6	88.1	89.5	91.6	91.6	93.2	94.0	94.5	95.7	96.1	96.1	96.7	96.7	96.7	97.1
	47.4	85.6	88.3	89.7	91.8	91.8	93.4	94.3	94.7	95.9	96.7	96.7	97.3	97.3	97.5	97.9
	47.4	85.6	88.3	89.9	92.2	92.2	93.8	94.7	95.3	96.9	97.9	97.9	98.6	98.6	99.2	99.8
	47.4	85.6	88.3	89.9	92.2	92.2	93.8	94.7	95.3	96.9	97.9	97.9	98.6	98.6	99.2	100.0
	47.4	85.6	88.3	89.9	92.2	92.2	93.8	94.7	95.3	96.9	97.9	97.9	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 987

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

21.0	35.0	35.2	35.2	35.6	35.6	35.6	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36.2	36.2
21.2	36.0	36.2	36.2	36.7	36.7	36.7	36.9	36.9	37.1	37.1	37.1	37.1	37.1	37.3	37.3
21.8	37.7	37.9	37.9	38.3	38.3	38.3	38.6	38.6	38.8	38.8	38.8	38.8	38.8	39.0	39.0
21.9	38.3	38.6	38.6	39.0	39.0	39.0	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.6	39.6
21.9	38.6	38.8	38.8	39.2	39.2	39.2	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.8	39.8
23.5	40.7	40.9	40.9	41.3	41.3	41.3	41.5	41.5	41.9	41.9	41.9	41.9	41.9	42.2	42.2
23.7	43.0	43.2	43.2	43.6	43.6	43.6	43.9	43.9	44.3	44.3	44.3	44.3	44.3	44.5	44.5
24.6	44.1	44.3	44.3	44.7	44.7	44.7	44.9	44.9	45.3	45.3	45.3	45.3	45.3	45.6	45.6
28.2	49.6	49.8	49.8	50.2	50.2	50.2	50.4	50.4	50.8	50.8	50.8	50.8	50.8	51.1	51.1
32.4	56.1	56.6	56.6	57.2	57.2	57.2	57.4	57.4	57.8	57.8	57.8	57.8	57.8	58.1	58.1
33.1	57.2	57.6	57.6	58.3	58.3	58.3	58.5	58.5	58.9	58.9	58.9	58.9	58.9	59.1	59.1
35.2	63.6	64.0	64.0	64.6	64.6	64.6	64.8	64.8	65.3	65.3	65.3	65.3	65.3	65.5	65.5
35.6	66.5	66.9	66.9	67.6	67.6	67.6	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.4	68.4
36.7	72.2	73.1	73.5	75.0	75.0	75.0	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.8	75.8
38.8	76.3	77.1	77.8	79.2	79.2	79.2	79.4	79.4	79.9	79.9	79.9	79.9	79.9	80.1	80.1
40.3	80.9	81.8	83.1	85.2	85.2	85.2	86.2	86.2	86.7	86.7	86.7	86.7	86.7	86.9	86.9
40.9	82.0	82.8	84.1	86.4	86.4	86.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.3	88.3
41.3	83.1	83.9	85.4	87.9	87.9	88.1	89.4	89.4	89.8	89.8	89.8	89.8	89.8	90.0	90.0
41.3	83.1	83.9	85.4	87.9	87.9	88.1	89.4	89.4	89.8	89.8	89.8	89.8	89.8	90.0	90.0
41.3	83.5	84.5	86.0	89.4	89.6	90.0	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.9	91.9
41.3	83.7	85.0	86.4	89.8	90.0	90.5	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.4	92.4
41.3	83.9	85.2	86.7	90.0	90.3	90.7	91.9	91.9	92.8	92.8	92.8	92.8	92.8	93.0	93.0
41.3	83.9	85.2	86.7	90.3	90.5	90.9	92.2	92.2	93.0	93.0	93.0	93.0	93.2	93.4	93.4
41.3	83.9	85.2	86.7	90.5	90.7	91.1	92.6	92.6	93.9	93.9	93.9	93.9	94.3	94.5	94.5
41.3	83.9	85.2	86.7	90.5	90.7	91.1	92.6	92.6	93.9	93.9	93.9	93.9	94.3	94.5	94.5
41.3	84.3	85.6	87.1	90.9	91.1	91.5	93.0	93.0	94.3	94.3	94.3	94.3	94.7	94.9	94.9
41.9	85.6	86.9	88.3	92.2	92.4	92.8	94.3	94.3	96.0	96.0	96.0	96.0	96.4	96.6	96.6
42.4	86.2	87.5	89.0	92.8	93.0	93.4	94.9	95.1	96.8	96.8	96.8	96.8	97.2	97.5	97.5
42.4	86.2	87.5	89.0	93.0	93.2	93.6	95.1	95.3	97.5	97.7	97.7	97.7	98.1	98.3	98.3
42.4	86.2	87.5	89.0	93.0	93.2	93.6	95.1	95.3	97.7	98.1	98.1	98.1	98.5	98.9	99.2
42.4	86.2	87.5	89.0	93.0	93.2	93.9	95.3	95.6	97.9	98.3	98.3	98.5	98.9	99.4	99.8
42.4	86.4	87.7	89.2	93.2	93.4	94.1	95.6	95.8	98.1	98.5	98.5	98.7	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 472

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]2736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

VISIBILITY (STATUTE MILES)

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18.5	36.3	36.6	36.6	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
19.0	36.8	37.0	37.0	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
19.9	38.1	38.4	38.4	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
19.9	38.8	39.1	39.1	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
19.9	38.8	39.1	39.1	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
21.2	40.2	40.4	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
22.8	43.8	44.0	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
23.3	44.9	45.1	45.1	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
25.3	49.4	49.9	49.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
29.8	55.5	56.2	56.2	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
30.7	57.8	58.5	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
33.6	63.4	64.1	64.1	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
34.8	66.8	67.5	67.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
35.9	74.0	75.2	75.4	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
36.6	76.3	77.4	77.7	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
38.1	79.7	82.4	83.1	84.9	84.9	85.1	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
38.6	81.0	84.0	84.7	86.5	86.5	86.9	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
39.1	82.8	86.0	86.9	88.7	89.2	89.6	90.7	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
39.1	82.8	86.0	86.9	88.7	89.2	89.6	90.7	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
39.1	82.8	86.0	86.9	89.2	89.6	90.3	91.4	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
39.1	82.8	86.0	86.9	89.2	89.6	90.7	91.9	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
39.1	82.8	86.0	86.9	89.4	90.1	91.4	92.6	92.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
39.1	82.8	86.0	86.9	89.4	90.1	91.4	92.6	92.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
39.1	83.1	86.2	87.1	89.6	90.3	91.9	93.0	93.0	93.9	93.9	93.9	94.4	94.4	94.4	94.4	94.4
39.1	83.1	86.2	87.1	89.6	90.3	91.9	93.0	93.0	93.9	93.9	93.9	94.4	94.4	94.4	94.4	94.4
39.1	83.3	86.5	87.4	90.3	91.0	92.6	93.7	93.7	94.6	94.8	94.8	95.3	95.3	95.3	95.3	95.3
39.1	83.7	86.9	87.8	90.7	91.4	93.0	94.1	94.1	95.7	95.9	95.9	96.4	96.4	96.4	96.4	96.4
39.5	84.9	88.0	88.9	92.1	92.8	94.4	96.2	96.2	97.7	98.0	98.0	98.4	98.4	98.4	98.4	98.4
39.5	84.9	88.3	89.4	92.6	93.2	95.0	96.8	96.8	98.4	98.6	98.6	99.1	99.1	99.1	99.1	99.1
39.5	85.1	88.5	89.6	92.8	93.5	95.3	97.1	97.1	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3
39.5	85.1	88.5	89.8	93.0	93.9	95.7	97.5	97.5	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0
39.5	85.1	88.5	89.8	93.0	93.9	95.7	97.5	97.5	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 443

USAF ETAC [illegible]-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

19.1	35.7	36.0	36.2	36.6	36.6	36.6	36.7	36.7	36.9	36.9	36.9	37.1	37.1	37.3	37.4
19.4	36.2	36.6	36.8	37.1	37.1	37.2	37.3	37.3	37.5	37.5	37.5	37.7	37.7	37.9	37.9
19.9	37.7	38.0	38.2	38.5	38.5	38.6	38.7	38.7	38.9	38.9	38.9	39.1	39.1	39.3	39.4
20.1	38.3	38.7	38.9	39.2	39.2	39.3	39.4	39.4	39.6	39.6	39.6	39.8	39.8	40.0	40.1
20.3	38.9	39.2	39.5	39.8	39.8	39.8	40.0	40.0	40.2	40.2	40.2	40.3	40.3	40.6	40.7
21.6	40.8	41.1	41.4	41.7	41.7	41.8	41.9	41.9	42.1	42.1	42.1	42.3	42.3	42.5	42.6
23.4	44.3	44.7	44.9	45.3	45.3	45.4	45.5	45.5	45.7	45.7	45.7	45.9	45.9	46.2	46.3
24.5	46.0	46.3	46.6	47.0	47.0	47.0	47.1	47.1	47.4	47.4	47.4	47.5	47.6	47.9	48.0
27.9	51.9	52.3	52.5	52.9	52.9	53.0	53.1	53.1	53.3	53.3	53.3	53.5	53.5	53.8	53.9
31.9	58.3	58.8	59.0	59.5	59.5	59.7	59.8	59.8	60.0	60.0	60.0	60.2	60.2	60.5	60.6
33.0	61.2	61.7	61.9	62.5	62.5	62.6	62.7	62.7	62.9	63.0	63.0	63.1	63.2	63.4	63.6
35.5	66.0	66.5	66.7	67.3	67.3	67.4	67.5	67.5	67.8	67.8	67.8	68.0	68.1	68.4	68.5
36.4	68.9	69.4	69.6	70.3	70.3	70.4	70.5	70.5	70.7	70.8	70.8	71.0	71.0	71.3	71.4
37.5	75.1	76.1	76.7	77.6	77.7	77.8	78.0	78.0	78.2	78.3	78.3	78.5	78.5	78.8	78.9
38.5	77.2	78.3	78.9	79.9	80.0	80.1	80.3	80.3	80.5	80.6	80.6	80.8	80.8	81.1	81.2
39.3	79.9	81.3	82.1	83.5	83.6	83.9	84.4	84.4	84.8	84.9	84.9	85.1	85.1	85.4	85.5
39.8	81.6	83.1	84.1	85.7	85.8	86.2	86.8	86.8	87.2	87.3	87.3	87.5	87.5	87.8	87.9
40.1	82.4	84.1	85.1	87.0	87.1	87.6	88.3	88.3	88.8	88.9	88.9	89.2	89.2	89.5	89.6
40.1	82.6	84.3	85.3	87.2	87.4	87.9	88.5	88.6	89.1	89.2	89.2	89.5	89.5	89.8	89.9
40.1	83.1	84.8	86.0	88.3	88.6	89.2	89.9	90.0	90.5	90.7	90.7	90.9	91.0	91.2	91.3
40.1	83.2	85.1	86.2	88.6	88.9	89.6	90.3	90.4	91.0	91.1	91.1	91.3	91.4	91.6	91.8
40.2	83.4	85.2	86.4	88.9	89.2	90.0	91.0	91.1	91.9	92.1	92.1	92.3	92.4	92.7	92.8
40.2	83.5	85.3	86.5	89.0	89.3	90.1	91.1	91.2	92.1	92.3	92.3	92.5	92.6	92.9	93.0
40.2	83.6	85.4	86.6	89.2	89.5	90.4	91.4	91.5	92.6	92.8	92.8	93.2	93.3	93.6	93.7
40.2	83.6	85.5	86.6	89.3	89.6	90.5	91.5	91.6	92.8	93.0	93.0	93.3	93.4	93.7	93.8
40.2	83.9	85.7	86.9	89.6	89.9	90.8	91.9	92.0	93.1	93.4	93.4	93.8	93.9	94.2	94.3
40.3	84.4	86.3	87.5	90.3	90.6	91.5	92.7	92.8	94.2	94.4	94.4	94.9	95.1	95.4	95.5
40.5	84.9	86.8	88.0	90.9	91.2	92.1	93.4	93.6	95.2	95.4	95.4	95.9	96.1	96.4	96.7
40.5	85.0	87.0	88.2	91.3	91.6	92.6	93.9	94.1	95.7	96.1	96.1	96.7	96.8	97.2	97.5
40.5	85.1	87.2	88.6	91.7	92.1	93.1	94.4	94.6	96.4	96.9	96.9	97.7	97.8	98.4	98.9
40.5	85.2	87.2	88.7	91.9	92.3	93.3	94.6	94.8	96.7	97.3	97.3	98.2	98.3	99.0	99.8
40.5	85.3	87.3	88.8	92.0	92.4	93.4	94.7	94.9	96.8	97.4	97.4	98.3	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2610

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]2736 FT RICHARDSON AK 77-82 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	[illegible]	26	[illegible]	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	23.7	31.0	31.1	31.1	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.4	31.4	31.4	31.5	31.6
[illegible]	26.5	34.3	34.4	34.4	34.5	34.5	34.6	34.6	34.6	34.6	34.7	34.7	34.7	34.8	34.9	34.9
[illegible]	27.9	36.3	36.4	36.4	36.5	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.8	36.8	36.9	37.0
[illegible]	28.2	36.9	37.0	37.0	37.1	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.4	37.4	37.5	37.6
[illegible]	28.6	37.5	37.6	37.6	37.7	37.7	37.8	37.8	37.8	37.8	37.9	37.9	38.0	38.0	38.1	38.2
[illegible]	30.6	40.2	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.7	40.7	40.8	40.9
[illegible]	34.3	45.5	45.6	45.7	45.8	45.8	45.8	45.8	45.9	45.9	46.0	46.0	46.0	46.1	46.2	46.2
[illegible]	36.1	48.0	48.1	48.1	48.2	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.5	48.5	48.6	48.7
[illegible]	40.5	54.6	54.7	54.8	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.3	55.4
[illegible]	45.4	62.1	62.3	62.3	62.5	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.8	62.8	62.9	63.0
[illegible]	47.8	66.5	66.6	66.7	66.8	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.3	67.4
[illegible]	53.4	75.7	76.0	76.1	76.3	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.7	76.7	76.8	76.9
[illegible]	55.4	78.7	79.0	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.9	80.0
[illegible]	57.8	82.9	83.4	83.6	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.3	84.4	84.5	84.6
[illegible]	58.9	85.0	85.5	85.8	86.2	86.2	86.3	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.8	86.8
[illegible]	59.7	86.9	87.7	88.1	88.6	88.6	88.8	88.8	88.8	89.0	89.0	89.0	89.1	89.1	89.3	89.4
[illegible]	60.1	88.1	89.0	89.5	90.1	90.1	90.3	90.4	90.4	90.5	90.6	90.6	90.7	90.7	90.8	90.9
[illegible]	60.4	89.0	89.9	90.5	91.2	91.3	91.5	91.7	91.7	91.8	91.9	91.9	92.0	92.0	92.1	92.2
[illegible]	60.4	89.1	90.1	90.7	91.4	91.5	91.7	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.4	92.5
[illegible]	60.7	89.8	90.9	91.6	92.5	92.7	93.0	93.2	93.2	93.4	93.5	93.5	93.6	93.6	93.7	93.8
[illegible]	60.8	90.4	91.6	92.3	93.3	93.5	93.9	94.1	94.1	94.4	94.5	94.5	94.6	94.6	94.7	94.8
[illegible]	60.9	90.8	92.1	92.9	94.1	94.3	94.7	95.0	95.1	95.4	95.5	95.5	95.7	95.7	95.8	95.9
[illegible]	61.0	90.9	92.2	93.0	94.2	94.5	94.9	95.3	95.3	95.7	95.8	95.8	96.0	96.0	96.2	96.2
[illegible]	61.0	91.0	92.3	93.2	94.4	94.7	95.2	95.6	95.6	96.1	96.2	96.3	96.4	96.5	96.6	96.7
[illegible]	61.0	91.1	92.4	93.3	94.6	94.9	95.4	95.8	95.9	96.4	96.6	96.6	96.8	96.9	97.0	97.1
[illegible]	61.0	91.2	92.5	93.4	94.7	95.0	95.6	96.1	96.1	96.7	96.9	96.9	97.2	97.2	97.4	97.5
[illegible]	61.0	91.3	92.7	93.6	95.0	95.3	96.0	96.5	96.6	97.3	97.6	97.6	98.0	98.0	98.2	98.3
[illegible]	61.1	91.5	92.9	93.8	95.3	95.6	96.3	96.8	96.9	97.7	98.0	98.1	98.5	98.6	98.8	99.0
[illegible]	61.1	91.6	93.0	93.9	95.4	95.7	96.4	97.0	97.1	98.0	98.3	98.4	98.8	98.9	99.2	99.5
[illegible]	61.1	91.6	93.0	94.0	95.5	95.8	96.5	97.1	97.2	98.1	98.5	98.6	99.0	99.1	99.4	99.8
[illegible]	61.1	91.6	93.1	94.0	95.5	95.8	96.6	97.1	97.3	98.2	98.6	98.6	99.1	99.2	99.5	100.0
[illegible]	61.1	91.6	93.1	94.0	95.5	95.9	96.6	97.2	97.3	98.2	98.6	98.7	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 31676

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

702736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02													
	03-05	16.1			22.8						14.1	47.0	6.7	149
	06-08	14.6			14.0						27.2	44.2	7.3	378
	09-11	9.2			14.7						36.1	40.0	7.7	415
	12-14	7.8			16.7						33.3	42.2	7.7	412
	15-17	8.9			2[illegible].9						31.0	39.2	7.3	406
	18-20	14.5			24.0						15.9	45.7	6.7	346
	21-23													
TOTALS		11.9			18.9						26.3	43.1	7.2	2106

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

70236 FT RICHARDSON AK 77-82 FEB

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02													
	03-05	29.4			12.5						22.5	35.6	6.0	160
	06-08	21.0			18.6						25.0	35.4	6.3	404
	09-11	16.9			24.3						23.1	35.7	6.4	42[illegible]
	12-14	20.1			19.9						27.7	32.2	6.3	422
	15-17	19.9			16.7						30.0	33.4	6.5	413
	18-20	24.1			19.8						23.8	32.4	6.0	349
	21-23													
TOTALS		21.9			18.6						25.8	34.1	6.3	2168

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

702736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02													
	03-05	15.5			18.1						26.1	40.3	6.9	226
	06-08	7.7			20.6						33.9	37.8	7.4	519
	09-11	8.4			19.6						32.5	39.5	7.5	526
	12-14	6.9			21.4						34.9	36.8	7.5	528
	15-17	7.0			20.8						35.8	36.4	7.5	518
	18-20	9.6			21.4						33.7	35.3	7.2	481
	21-23													
TOTALS		9.2			20.3						32.8	37.7	7.3	2780

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

70736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02													
	03-05	9.4			19.3						27.5	43.8	7.4	233
	06-08	9.4			21.0						33.9	35.7	7.3	490
	09-11	6.7			21.4						36.5	35.5	7.5	496
	12-14	5.1			20.2						38.2	36.6	7.7	495
	15-17	4.3			25.8						32.9	37.4	7.5	489
	18-20	7.3			25.7						30.5	36.5	7.2	455
	21-23													
TOTALS		7.0			22.2						33.3	37.6	7.4	2658

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

70.736 STATION | FT RICHARDSON AK STATION NAME | 77-82 PERIOD | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02													
	03-05				17.0						48.2	34.8	8.3	276
	06-08	.4			19.7						43.4	36.5	8.1	498
	09-11	.6			16.9						45.6	36.9	8.3	498
	12-14	.4			15.3						49.0	35.3	8.4	498
	15-17	.6			15.4						48.9	39.1	8.4	486
	18-20	.6			17.1						44.2	38.1	8.3	462
	21-23													
TOTALS		.4			16.9						45.9	36.8	8.3	2718

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — PERIOD
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02													
	03-05				13.9						43.4	42.7	8.6	295
	06-08	1.2			17.1						37.1	44.7	8.3	515
	09-11	.6			19.2						34.1	46.1	8.3	516
	12-14				18.2						36.8	45.0	8.4	516
	15-17				17.5						41.5	40.9	8.4	508
	18-20				15.0						47.0	38.0	8.5	492
	21-23													
TOTALS		.3			16.8						40.0	42.9	8.4	2542

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02													
	03-05				13.3						32.9	48.8	8.4	289
	06-08	2.3			1[illegible].0						33.9	48.7	8.4	513
	09-11	1.2			15.7						31.6	51.6	8.5	510
	12-14				17.2						33.7	49.1	8.5	511
	15-17	.4			15.4						38.4	45.8	8.5	500
	18-20	.6			13.7						40.3	45.4	8.6	476
	21-23													
TOTALS		.8			15.9						35.1	48.2	8.5	2799

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL EAL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

SKY COVER

7 2736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02													
	03-05	3.9			21.1						36.8	38.2	7.8	304
	06-08	4.0			21.5						32.3	42.2	7.8	526
	09-11	1.9			24.4						32.6	41.1	7.8	528
	12-14	.6			25.4						33.0	41.1	7.8	528
	15-17	.2			23.5						40.0	36.3	7.9	520
	18-20				24.5						41.0	38.6	7.9	503
	21-23													
TOTALS		1.8			23.4						36.0	38.0	7.8	2909

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — PERIOD
SEP — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02													
	03-05	6.0			18.1						28.0	47.9	7.9	282
	06-08	3.5			16.4						35.5	44.7	8.1	488
	09-11	3.3			20.0						32.5	44.2	7.9	489
	12-14	1.6			24.4						29.1	44.9	7.8	488
	15-17	1.7			20.0						29.6	48.8	8.1	480
	18-20	1.1			22.7						27.9	48.3	8.0	462
	21-23													
TOTALS		2.9			23.3						30.8	46.5	8.0	2689

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — PERIOD
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02													
	03-05	11.1			12.5						24.3	52.1	7.8	283
	06-08	4.8			10.4						33.5	51.4	8.5	502
	09-11	3.2			10.0						29.5	57.3	8.7	501
	12-14	2.6			13.1						28.6	55.8	8.5	504
	15-17	1.4			15.9						29.0	53.6	8.5	496
	18-20	3.6			17.7						22.5	56.2	8.2	475
	21-23													
TOTALS		4.5			13.3						27.9	54.8	8.4	2750

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02													
	03-05	13.3			13.8						18.3	54.6	7.5	216
	06-08	7.5			13.6						23.1	55.8	8.1	464
	09-11	4.7			16.2						26.0	53.1	8.1	469
	12-14	4.9			19.1						30.7	45.3	7.9	472
	15-17	6.1			20.8						25.3	47.8	7.7	462
	18-20	13.9			17.3						12.8	56.1	7.3	486
	21-23													
TOTALS		8.4			16.8						22.7	52.1	7.8	2531

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 .736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02													
	03-05	16.8			12.2						19.5	45.5	6.9	220
	06-08	18.1			16.7						22.8	42.4	6.8	486
	09-11	8.4			20.1						28.7	42.7	7.5	487
	12-14	7.9			19.5						34.3	38.3	7.5	481
	15-17	12.0			19.8						26.4	48.3	7.4	470
	18-20	16.3			17.9						16.3	49.4	7.0	481
	21-23													
TOTALS		12.9			13.6						24.7	43.8	7.2	2585

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — PERIOD
ALL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	11.9			18.9						26.3	43.1	7.2	2106
FEB		21.9			18.6						25.4	34.1	6.3	2162
MAR		9.2			20.3						32.8	37.7	7.3	2192
APR		7.0			22.2						33.3	37.6	7.4	2658
MAY		.4			16.9						45.9	36.8	8.3	2718
JUN		.3			16.8						40.0	42.9	8.8	2882
JUL		.8			15.9						35.1	48.2	8.5	2799
AUG		1.8			23.4						36.0	38.9	7.8	2909
SEP		2.9			23.3						30.4	46.5	8.0	2689
OCT		4.5			13.3						27.9	54.4	8.8	2758
NOV		3.4			16.8						22.7	52.1	7.8	2531
DEC		12.9			18.6						24.7	43.8	7.2	2585
TOTALS		6.8			18.5						31.7	43.0	7.7	31553

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

E

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
27451 FT RICHARDSON AK 77-82
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80							3.1	.6					.5
75							7.5	3.3					.9
70					3.2	11.0	19.4	14.8					4.4
65					7.1	32.3	50.6	43.8	7.7				12.8
60				.7	18.8	64.0	82.5	75.7	25.6				24.0
55				2.6	50.0	90.9	97.5	94.7	58.7	1.9			35.3
50			.6	28.9	87.7	100.0	100.0	100.0	97.1	13.8	1.3	.7	46.0
45	3.5	1.6	10.6	54.6	99.4				96.8	30.0	6.6	3.3	53.3
40	8.8	13.1	36.0	83.6	100.0				100.0	55.0	13.2	6.7	62.5
35	15.9	28.7	60.9	94.1						72.5	22.5	11.3	69.7
30	24.8	47.5	86.3	96.7						90.6	43.7	16.0	77.8
25	33.6	63.1	94.4	100.0						93.1	62.3	28.7	83.2
20	49.6	73.8	98.1							96.9	77.5	39.3	87.7
15	61.1	82.8	100.0							99.4	93.4	53.3	91.9
10	78.8	92.6								100.0	98.7	65.3	95.2
5	89.4	97.5									99.3	75.3	97.1
0	94.7	99.2									100.0	88.0	98.6
-5	98.2	100.0										95.3	99.5
-10	100.0											97.3	99.8
-15												100.0	100.0
MEAN	20.0	27.1	36.2	44.8	55.4	61.8	64.8	63.9	55.9	39.6	28.1	15.8	42.6
S.D.	12.986	11.325	6.927	6.433	5.569	5.576	5.882	5.862	5.719	8.831	9.708	14.097	18.671
TOTAL OBS	113	122	161	152	154	164	160	169	155	160	151	150	1811

USAFETAC FORM 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GL AL CLIMATOLOGY BRA CH
USAFETAC
A - EATHER SERVICE/MAC
2 461 FT RICHARDSON AK 77-82
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 55					.6	6.1	20.6	11.2					3.5
≥ 50					2.6	36.0	80.6	48.5	7.1				15.7
≥ 45					16.9	84.1	99.4	79.3	36.1	1.3	1.3		28.5
≥ 40		.8	1.9		57.1	98.2	100.0	95.3	67.1	13.8	3.3	.7	39.0
≥ 35	1.8	2.5	6.8	17.8	84.4	100.0		100.0	81.3	34.4	7.3	2.7	47.6
≥ 30	3.5	4.9	10.6	30.9	91.6				85.2	40.0	8.6	4.0	51.0
≥ 25	7.1	12.3	16.1	48.0	97.4				96.1	59.4	13.9	5.3	57.3
≥ 20	15.0	26.2	44.1	71.7	100.0				99.4	78.1	28.5	9.3	66.9
≥ 15	25.7	41.0	64.0	88.8					100.0	88.1	44.4	22.0	75.1
≥ 10	36.3	53.3	75.8	95.4						90.6	57.6	33.3	80.5
≥ 5	46.9	62.3	83.2	99.0						94.4	73.5	41.3	84.9
≥ 0	58.4	68.9	90.7	100.0						96.9	81.5	51.3	88.6
≥ -5	69.9	73.0	94.4							97.5	89.4	60.0	91.4
≥ -10	82.3	81.1	98.8							98.1	98.7	70.0	94.8
≥ -15	88.5	88.5	100.0							100.0	100.0	80.7	96.9
≥ -20	94.7	93.4										91.3	98.5
≥ -25	99.1	99.2										96.7	99.6
≥ -30	100.0	100.0										99.3	99.9
												100.0	100.0
MEAN	8.3	12.0	20.8	27.9	39.9	48.1	52.1	48.9	41.3	29.5	16.8	5.3	29.2
S.D.	14.407	16.040	10.542	7.057	5.228	3.831	2.971	4.776	6.797	10.253	11.961	15.342	18.549
TOTAL OBS	113	122	161	152	154	164	160	169	155	160	151	150	1811

USAFETAC FORM 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

21461 FT RICHARDSON AK 77-82

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 65					.6	.6	3.8	2.4					.7
≥ 60					1.9	18.3	39.4	23.1	.6				7.5
≥ 55					9.1	51.2	90.6	73.4	11.6				21.3
≥ 50				.7	29.9	93.3	100.0	97.0	51.6	1.3			33.5
≥ 45			1.2	6.6	79.2	100.0		100.0	81.9	11.3	3.3	.7	43.0
≥ 40	2.7	2.5	7.5	35.5	98.1				92.3	34.4	7.3	2.7	51.3
≥ 35	8.8	14.8	24.2	66.4	100.0				99.4	50.0	13.2	6.0	59.5
≥ 30	15.[illegible]	30.3	52.8	88.8					100.0	81.9	24.5	10.7	69.6
≥ 25	23.9	45.9	71.4	96.1						89.4	43.7	18.7	76.4
≥ 20	35.4	58.2	85.7	98.0						91.9	64.9	30.7	82.3
≥ 15	48.7	66.4	91.9	100.0						96.3	75.5	41.3	86.6
≥ 10	59.3	73.0	97.5							97.5	85.4	52.0	90.0
≥ 5	77.9	82.0	100.0							99.4	97.4	64.7	94.2
≥ 0	84.1	89.3								100.0	99.3	72.0	95.9
≥ -5	92.9	96.7									100.0	84.0	98.0
≥ -10	97.3	100.0										92.7	99.2
≥ -15	99.1											96.7	99.7
≥ -20	100.0											99.3	99.9
≥ -25												100.0	100.0
MEAN	14.3	19.7	28.7	36.7	47.9	55.1	58.7	56.7	48.9	34.8	22.7	10.7	36.2
S D	13.601	13.469	8.305	6.141	4.607	4.034	3.392	3.727	5.377	9.190	10.595	14.790	18.396
TOTAL OBS	113	122	161	152	154	164	160	169	155	160	151	150	1811

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	75-82	JAN

PAGE 1 — HOURS (L. S. T.): 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47/ 43		.7	.7															2	2	1	
4/ 41		.7			.7													2	2		1
4/ 39																				2	
4/ 37		2.6																4	4		1
4/ 35		1.3	.7															3	3	5	1
3/ 33		.6																4	4	2	2
2/ 31	.7	1.3																3	3	6	6
2/ 29	.7	2.6																5	5	3	2
1/ 27		.9																6	6	5	2
1/ 25		2.0																3	3	8	5
0/ 23	.7	2.6																5	5	4	2
0/ 21	2.6	3.3																9	9	9	6
-1/ 19	3.9	5.9																15	15	13	10
-1/ 17	.7	3.3																6	6	7	12
-1/ 15	3.3	2.0																7	8	9	8
-2/ 13	2.0	3.9																9	9	4	7
-1/ 11	1.3	3.3																7	7	8	7
-1/ 9	1.3	5.3																10	10	13	9
-1/ 7	1.3	2.6																6	6	6	3
-1/ 5	2.0																	3	3	5	3
-1/ 3	2.6	1.3																6	6	6	3
-1/ 1	4.6	.7																6	8	7	17
-1/ -1	4.3																	7	7	8	6
-2/ -3	3.3																	5	5	5	9
-2/ -5	.7																	1	1	1	6
-2/ -7	1.3																	2	2	2	2
-2/ -9	1.3																	2	2	2	2
-2/ -11	3.3																	5	5	5	4
-1/ -13																					1
-2/ -15	2.0																	3	3	3	1
-1/ -17	.7																	1	1	1	5
-1/ -19	1.3																	2	2	2	
-2/ -23																					3
-2/ -25																					1

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] / STATION | FT RICHARDSON, AK / STATION NAME | 7[illegible] / YEARS | JAN / MONTH

[illegible] / HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
/-17																			1
/-24																			1
/-33																			1
TOTAL	4	152	2	1	2													1 2	1 2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	157361	11[illegible]49	78.61	1[illegible].233	152							
Dry Bulb	57775	[illegible]773	13.5	12.76	152	17.1	83.3					23
Wet Bulb	5236.4	1[illegible]34	12.9	17.424	152	17.7	86.4					23
Dew Point	43042	122[illegible]	8.1	14.519	152	27.5	89.9					23

USAFETAC FORM NO. 0 26 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	JAN

HOURS (L. S. T.) ALL 0600-0900

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47		.3																1	1		
/ 4		.3	.3															1	3	1	
47 / 43		.6																2	2	1	1
/ 41		.3	.5	.5	.													9	8	4	2
/ 7		.5	.7															3	3	2	2
/ 37		1.9	.3															8	9	7	1
/ 35		1.2	.5															9	10	10	6
/ 33		1.9	.3															8	8	10	2
/ 31	.6	3.5																15	15	14	15
/ -	.3	1.6	.9															12	13	13	13
/ 27		4.3																18	19	9	-
/ 2		4.3																18	18	27	5
/ 23	.3	2.2																11	12	12	9
/ 21	1.3	2.4	.5															16	19	15	16
/ 1	.5	5.6																22	23	17	22
/ 17	.9	4.3																16	18	17	13
/ 1	1.6	4.3																21	21	24	14
/ 17	.5	2.7																12	12	6	25
1 / 11	2.4	3.2																22	22	12	2
/	1.6	3.0																17	17	24	17
/ 7	.7	3.5	.7															15	16	12	5
/	1.1	1.9																11	11	10	12
/ -	.4	.8																12	12	14	5
/ 1	2.2	1.3																17	17	15	25
/ -	2.4	.3																13	13	11	16
/ -3	4.																	15	15	16	16
/ -5	1.3																	5	5	5	11
/ -7	1.2																	12	12	12	11
/ -9	1.8																	7	7	7	12
- / -11	1.0																	7	7	7	11
-1 / -13	.5																	2	2	2	4
-1 / -15	1.3																	5	5	5	10
-1 / -17	1.3																	5	5	5	6
-1 / -19	.5																	2	2	2	6

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-8[illegible]	[illegible]

HOURS (L. S. T.) [illegible]

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-21	•																	1	1	1	1
/-23																					4
/-25																					4
/-27																					1
/-35																					1
TOTAL	36	57	8	4		5												[illegible]	[illegible]	372	372

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	23232.2	29092	78.2	11.351	372							
Dry Bulb	167736	5163	14.[illegible]	14.416	382	17.[illegible]	62.[illegible]					[illegible]
Wet Bulb	142567	[illegible]	13.[illegible]	14.173	372	1.[illegible]	54.2					[illegible]
Dew Point	117788	3260	8.7	15.522	372	2[illegible]	88.5					[illegible]

USAFETAC FORM 0265 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
730	FT RICHARDSON AK	77-82	JAN

PAGE 1 — HOURS (L.S.T.) 0000-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47			•																		
45		.3	.3																		
43		.3																1	1	5	
41			.3		•														3	2	1
39		.3	.5		•													4	4	1	2
37		.5	.5															8	8	3	1
35		4.3	.5															17	22	7	3
33	1.3	2.	.5															16	16	23	7
31	.3	3.5	.5															16	19	14	23
29	1.5	2.3	.3															15	19	21	17
27	.3	3.																15	14	19	19
25	.3	4.5																19	24	22	19
23	.5	4.5	.5															1	24	1	5
21	2.	2.	.5															15	23	15	2
19	2.5	5.5																30	33	37	34
17	1.3	3.5																16	20	14	19
15	.5	3.5																15	15	21	23
13	2.	3.8																23	27	15	20
11	3.5	2.5																1	21	30	15
9	1.	2.3																15	16	23	16
7	.5	3.8																17	17	12	23
5	.5	2.0																13	17	30	4
3	2.3	1.8																16	16	15	7
1	2.	1.8																18	18	25	15
-1	2.5	.3																11	11	15	17
-3	2.																	11	11	12	19
-5	2.5																	15	15	25	14
-7	2.3																	9	9	9	16
-9	•																	3	3	3	9
-11	1.																	6	6	6	12
-13	1.5																	5	6	5	4
-15																					
-17	.5																	1	1	1	6
-19	.3																	3	3	3	7

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736	FT RICHARDSON AK	77-82	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 | 00-11 LST
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
/-21																						
/-25																						
TOTAL																						

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2546.72	31542	70.[illegible]	11.307	400							
Dry Bulb	12271[illegible]	6540	16.[illegible]	13.655	421	13.0	61.1					93
Wet Bulb	15964[illegible]	6702	15.[illegible]	13.206	400	14.[illegible]	63.[illegible]					92
Dew Point	129533	4167	10.41	14.692	400	26.7	69.7					93

USAFETAC FORM 0265 (OL A) 1 JUL 64 REPLACES PREVIOUS EDITIONS OF THIS FORM WHICH ARE OBSOLETE

AL CLIMATOLOGY BRANCH
AFETAC
ATH & SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	FT RICHARDSON AK	77-82	JUL

PAGE 1 — HOURS (L. S. T.) 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47			.5															1	1		
[illegible] 4[illegible]		.3	.5															3	3		
4/ 4[illegible]		.3	.3	.3														3	3	4	
/ 41			.3	.5	.3													6	6	1	1
[illegible]			.3															1	3	2	3
/ 37		1.3	.5	.5														9	8	2	
/ 35		1.3	.3															6	7	3	1
3 / 3	.5	3.5	1.0															[illegible]	23	15	8
/ 31	2.[illegible]	6.5	.3															37	37	23	21
/ [illegible]	.7	2.5	.3															14	23	36	25
/ 27	1.3	3.5																16	19	19	17
/ 25	.5	5.[illegible]	.3															24	27	16	14
/ 23	.7	2.3	.5															15	18	13	11
2/ 21	1.5	5.[illegible]	.3															[illegible]	37	27	16
/ 19	3.3	4.7																23	28	21	36
/ 17	.3	3.[illegible]	.3															14	18	12	1[illegible]
1/ [illegible]		5.7	.5															[illegible]	22	17	22
/ 13	1.3	3.[illegible]																[illegible]	23	15	14
1/ 11	2.7	4.5	.5															25	23	16	13
/	.[illegible]	3.5																18	19	25	23
/ 7	.7	3.3																17	15	15	21
/	.3	1.3																13	13	18	7
/ [illegible]	[illegible]	1.7																13	12	13	15
/ 1	1.[illegible]	2.5																17	17	15	4[illegible]
/ -[illegible]	[illegible]	.5																10	15	11	16
/ -3	[illegible]	.5																4	4	6	7
/ -[illegible]	.5	.3																4	4	3	11
/ -7	1.[illegible]																	4	4	5	4
/ -[illegible]	.5																	3	3	3	6
/ -11																					7
-1 / -1[illegible]	.3																	1	1	1	2
/ -1[illegible]																					3
/ -17																					4
/ -1[illegible]																					6

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AR 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CL AL CLIMATOLOGY BRANCH
AFLTAC
A EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
JAN — MONTH
PAGE 2
12-14 — HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-[illegible]1																					
[illegible]-23																					
TOTAL	27	563	8	7	1	7													412		412
																		400		400	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	24440.7	30269	77.2	12.451	400							
Dry Bulb	217622	8144	19.4	11.914	419	5.6	81.5					92
Wet Bulb	179404	7122	17.8	11.461	400	[illegible].7	85.6					93
Dew Point	137553	5105	12.8	13.471	400	16.2	90.0					[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT MICHAELSON AK	77-8[illegible]	JAN

HOURS (L. S. T.): 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 45			.[illegible]	.3														4	4		
4/ 43		.5	.3	.3														4	4		
/ 41			1.[illegible]	.[illegible]														[illegible]	7	6	
[illegible] / [illegible]		.3	.7	.5														4	4	[illegible]	[illegible]
[illegible] / 37			1.[illegible]															[illegible]	[illegible]	7	4
/ 35		.8	.8	.3														7	7	[illegible]	[illegible]
[illegible] / 33	1.[illegible]	1.3																9	10	13	[illegible]
[illegible] / 31	1.3	5.9	1.5															34	34	17	14
[illegible] / [illegible]	[illegible].3	1.3	.[illegible]															16	16	[illegible]	15
/ [illegible]	1.3	2.[illegible]																13	18	17	[illegible]
/ 25	.5	5.4	.3															24	[illegible]	15	14
[illegible] / 23	1.3	3.6	.3															[illegible]0	25	[illegible]	6
[illegible] / 21	1.5	3.9	.3															[illegible]2	[illegible]	[illegible]	[illegible]
/ 19	[illegible].[illegible]	4.6	.5															28	31	[illegible]	29
[illegible] / 17	.5	3.3																15	15	12	17
1 / 15	.3	5.4																[illegible]2	22	[illegible]	32
[illegible] / 13	1.[illegible]	3.6																18	18	14	[illegible]
1 / 11	1.[illegible]	3.1	.3															[illegible]0	[illegible]	[illegible]	13
[illegible] / [illegible]	1.[illegible]	4.1	.3															[illegible]1	[illegible]	[illegible]	13
/ 7	.8	2.[illegible]																11	11	[illegible]1	15
/ [illegible]	1.[illegible]	1.[illegible]																8	8	11	11
/ [illegible]	3.3	1.8																[illegible]0	20	16	18
/ 1[illegible]	2.[illegible]	2.[illegible]																16	15	19	[illegible]
/ -1	2.	.5																13	13	12	14
- / -3	2.	.3																[illegible]	9	10	1[illegible]
- / -5	1.3																	5	5	6	1[illegible]
- / -7	1.[illegible]																	4	4	4	[illegible]
/ -9	1.[illegible]																	4	4	4	6
- / -11	1.3																	[illegible]	5	5	7
-1 / -13	.3																	1	1	1	[illegible]
- / -15	.5																	2	[illegible]	2	7
- / -17	.3																	1	1	1	6
- / -19	.3																	1	1	1	3
- / -21																					-

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUL 64 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CL AL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

/ 73F — FT RICHARDSON AK — 77-82 — JA — STATION — STATION NAME — YEARS — MONTH

DATE — 15 6-17 6 — HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-29																					
/-27																					
/-24																					1
5 /-35																					
/-30																					1
TOTAL	37.	59.	5.	8.	2.	1.	5.												412		391
																		391		391	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2398251	30167	77.2	13.173	391							
Dry Bulb	126468	7283	17.7	13.135	412	1.2	83.7					[illegible]
Wet Bulb	163719	6313	16.1	12.587	391	1.9	85.6					93
Dew Point	1338.1	4313	11.0	14.377	391	22.5	89.2					93

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] AL CLIMATOLOGY BRANCH
[illegible] T C
[illegible] EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT RICHARDSON, AK	77-8[illegible]	JAN

PAGE 1 | HOURS (L.S.T.) 1[illegible]00-2[illegible]00

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47/ [illegible]			1.2	•														7	7		
/ [illegible]			•															5	7	1	
/ [illegible]																				4	
/ [illegible]	.3	.6	.3															9	9	6	1
/ [illegible]		.5	.5															5	5	3	6
3 / [illegible]	.[illegible]	2.4	.6															17	13	[illegible]	6
/ 71	1.[illegible]	2.4	1.5															19	23	15	16
/ [illegible]	.6	.6	.3															[illegible]	6	11	[illegible]
/ [illegible]	1.2	2.7																13	15	16	9
/ [illegible]		1.5	.3															6	6	8	14
/ 2[illegible]	.6	4.4																17	20	14	[illegible]
2/ 21	2.7	4.7																[illegible]	26	23	7
/ 1[illegible]	2.7	5.6																[illegible]	32	[illegible]	24
/ 17	.3	3.5	.3															14	14	14	16
1 / 15	.6	2.4																10	13	11	25
/ 12	1.5	2.9																15	15	11	22
1 / 11	1.[illegible]	2.7	.3															16	16	17	12
/		[illegible].8	.6															15	15	13	5
/ [illegible]	.6	4.1																17	17	13	11
/ [illegible]	1.2	1.2																9	9	19	3
/ [illegible]	1.5	1.5																11	11	10	11
/ [illegible]	3.[illegible]	2.9																23	23	16	26
/ -1[illegible]	3.1	.3																15	15	[illegible]	17
/ -[illegible]	1.2	.3																6	6	6	15
/ -[illegible]	3.1	.3																8	8	7	11
/ -7	2.7																	9	9	1[illegible]	7
/ -9	2.7																	8	8	9	11
/ -11	.3																	1	1	1	1[illegible]
-1 / -17	1.2																	4	4	4	[illegible]
-1 / -15	1.5																	5	5	5	8
-1 / -17	1.2																	4	4	4	5
/ -19	.9																	3	3	3	14
/ -21	.3																	1	1	1	4
/ -27																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736	FT. RICHARDSON, AK	77-82	[illegible]
STATION	STATION NAME	YEARS	MONTH

[illegible] 1[illegible]-[illegible]
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-29																					1
/-33																					1
/-35																					1
/-37																					1
/-39																					
/-41																					1
TAL	47.7	51.3	7.1	.9															7.9		339
																		339		338	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2035045	25973	76.3	13.432	339							
Dry Bulb	142957	4997	14.2	14.324	352	16.[illegible]	84.5					73
Wet Bulb	120259	4348	12.8	13.913	339	19.[illegible]	37.					73
Dew Point	107813	2595	7.4	16.255	339	31.[illegible]	89.4					73

USAFETAC FORM AK 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	JAN

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47		.1	.1															4	4		
4 / 45		.1	.3	.1														11	12	1	
4 / 43		.3	.3	.2														19	19	9	1
/ 41		.1	.6	.2	.3													27	29	14	6
/ 3		.2	.2	.1	.1													17	14	13	10
/ 27	.1	1.0	.0	.1														35	35	25	8
/ 35		1.8	.6	.1														49	55	36	19
3 / 33	.7	2.2	.5															70	71	71	35
/ 31	1.1	4.2	.9															126	130	89	95
/ 2	1.4	1.8	.4															73	84	112	77
/ 27	.7	3.1																79	91	81	73
/ 25	.2	4.2	.2															92	106	87	72
/ 23	.5	3.3	.2															89	104	117	39
2 / 21	1.9	3.7	.3															120	130	117	65
/ 1	2.2	5.1	.1															152	157	185	159
/ 17	.6	3.5	.1															86	87	76	95
/ 15	.7	3.9	.1															98	99	106	122
/ 17	1.3	3.4																87	97	68	98
1 / 11	2.1	3.3	.2															115	115	117	77
/	1.1	3.5	.1															97	97	119	88
/ 7	.6	3.2	.															60	60	94	86
/ 5	1.3	1.3																54	54	92	38
/ 3	2.4	1.4																77	77	74	62
/ 1	2.[illegible]	2.[illegible]																99	99	97	164
/ -1	2.[illegible]	.3																66	66	77	88
/ -3	2.2	.1																49	49	55	73
/ -5	1.5	.1																33	33	32	65
/ -7	1.9																	40	40	42	46
/ -9	1.4																	28	28	28	49
/ -11	1.2																	24	24	24	49
-1 / -13	.6																	13	13	13	15
-1 / -15	.7																	15	15	15	37
-1 / -17	.6																	12	12	12	23
-1 / -19	.5																	11	11	11	35

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F		≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OFFICE OF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7736	FT RICHARDSON AK	77-82	JAN

PART 2 — HOURS (L.S.T.): ALL

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-21	.1																			2	14
-23																					3
-25																					1
-27																					
-29																					
-33																					
-35																					4
-37																					1
-39																					
-51																					1
TOTAL	35.7	57.3	5.9	.8	.1													2138		2054	
																		2054		2054	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Ref. Hum.	127,55.6	159562	77.7	12.291	2054							
Dry Bulb	977262	35132	16.4	13.698	2138	102.5	660.8					744
Wet Bulb	817916	30770	15.1	13.186	2054	112.7	682.8					744
Dew Point	669652	20568	10.0	15.329	2054	197.4	715.4					744

USAFETAC FORM 0-26-5 (OL-A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
70736	FT RICHARDSON AK	77-82	FEB

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7/ 45					•													1	1		
4/ 43			.6															1	1		
7/ 41			1.9															2	2		
/ 39		.6	1.3															3	3	3	
7/ 37	.6	1.3																3	3	3	1
/ 35		1.3	.6															3	2	3	3
7/ 33		2.5	1.9															7	7	3	4
/ 31	1.9	1.9	1.3															6	8	10	8
7/ 29	1.9	2.5																7	7	6	7
/ 27	.6	4.4																6	8	8	5
7/ 25	1.9	3.1	.6															9	9	11	8
/ 23	1.3	6.9																13	13	10	6
27/ 21	1.9	1.3																5	5	11	9
/ 1	2.5	6.3																14	14	9	12
7/ 17		4.4																7	7	9	8
/ 15	.6	3.1																6	6	8	9
7/ 13	.6	1.9																4	4	3	5
1/ 11		2.5	1.3															6	6	3	12
7/ 9		1.9																3	3	4	7
/ 7																				5	1
7/ 5		.3																1	1	1	1
/ 3		.6																1	1	1	
7/ 1	1.3	1.3																4	4	3	4
/ -1	2.[illegible]																	4	4	5	2
7/ -3	3.1																	5	5	5	2
/ -5	3.1																	5	5	5	2
7/ -7	3.8																	6	6	6	4
/ -9	5.0																	8	8	8	7
7/-11	3.8																	6	6	6	5
-1 /-13																					2
-1 7/-15	.6																	1	1	1	6
-1 /-17	1.9																	3	3	3	3
-1 7/-19	3.1																	5	5	5	4
- /-21																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73[illegible] FT RICHARDSON, AK — STATION NAME
77-6[illegible] — YEARS
FEB — MONTH
PAGE [illegible] — HOURS (L.S.T.) [illegible]-15[illegible]

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
WET BULB TEMPERATURE DEPRESSION (F)																					
/-2[illegible]																					[illegible]
/-2[illegible]																					[illegible]
/-[illegible]																					[illegible]
/-[illegible]																					[illegible]
/-2[illegible]																					[illegible]
/-[illegible]																					[illegible]
TOTAL	41.4	.1	3.4		.[illegible]														1[illegible]		1[illegible]

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	16673	11[illegible]17	74.5	13.524	16[illegible]							
Dry Bulb	[illegible]0617	24.1	15.[illegible]	16.746	16[illegible]	22.[illegible]	73.					[illegible]4
Wet Bulb	72562	[illegible]244	14.0	16.76	16[illegible]	23.1	76.7					[illegible]4
Dew Point	67645	1211	[illegible].21	19.951	16[illegible]	28.4	79.3					54

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 [illegible] CLIMATOLOGY BRANCH
2 [illegible]ETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] 736 | FT. ICHA[illegible], AK | 77-8[illegible] | FEB
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | [illegible]
HOURS (L. S. T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 4[illegible]		.2	.[illegible]	.2	.[illegible]													5	5		
4/ 4[illegible]			.7	.[illegible]														4	4	[illegible]	
[illegible] / 41		.5	1.[illegible]	.7														9	8		1
[illegible] / [illegible]		.[illegible]	1.7															9	9	6	
[illegible] / [illegible]	.[illegible]	1.[illegible]	.2															6	6	11	4
/ 3[illegible]	.7	1.7	.[illegible]															12	12	1[illegible]	4
[illegible] / 33	.2	3.5	1.2															16	15	1[illegible]	[illegible]
/ 31	.[illegible]	3.2	.7															[illegible]	25	22	17
/ [illegible]		3.7	.2															12	1[illegible]	13	[illegible]
/ 27	.[illegible]	3.4	.2															1[illegible]	1[illegible]	19	1[illegible]
/ [illegible]	1.[illegible]	4.4	1.[illegible]															26	25	22	13
/ 23	1.7	3.2	.2															17	17	23	7
/ [illegible]	1.2	1.7	.5															14	14	17	29
/ 1[illegible]	.4	5.4																40	40	3[illegible]	[illegible]
/ 17	.5	3.7																17	17	[illegible]	[illegible]
/ 1[illegible]	.7	3.7																14	14	17	17
[illegible] / 13	.7	3.5																17	17	1[illegible]	[illegible]
1 / 11	1.[illegible]	2.5	.2															15	15	17	25
/ [illegible]	.[illegible]	3.2																14	14	14	14
/ [illegible]		.7																3	3	11	[illegible]
/ [illegible]		1.7																4	4	4	4
/ [illegible]	.7	1.[illegible]																7	7	[illegible]	4
/ [illegible]	2.2	1.7																13	13	13	12
/ -[illegible]	2.2	.5																11	11	[illegible]	7
/ -[illegible]	3.4	.5																1[illegible]	1[illegible]	15	[illegible]
/ -[illegible]	2.5																	10	1[illegible]	1[illegible]	14
/ -7	2.5																	10	1[illegible]	1[illegible]	1[illegible]
/ -[illegible]	.4																	14	14	14	13
[illegible] / -11	2.[illegible]																	[illegible]	8	[illegible]	
-1 / -13	.7																	3	[illegible]	3	[illegible]
[illegible] / -15	3.[illegible]																	12	12	12	[illegible]
[illegible] / -17	2.1																	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / -1[illegible]	1.1																	4	5	4	1[illegible]
[illegible] / -[illegible]1	.2																	1	1	1	[illegible]

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 5 (OL A) [illegible]

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] 736 — STATION — FT RICHARDSON AK — STATION NAME — 77-9[illegible] — YEARS — FE — MONTH

PART D — [illegible] — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-27																					7
/-29																					
/-27																					
/-29																					
/-31																					1
/-33																					
2 /-35																					
/-37																					
4/-4[illegible]																					
[illegible]	.4E	.24E	.5	9	.1	1	.2	.2											9.2		4[illegible]
																		4[illegible]		4[illegible]	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2346652	[illegible]	74.9	19.562	4[illegible]							
Dry Bulb	2[illegible]349	6315	15.4	16.497	4[illegible]	20.1	71.9					[illegible]
Wet Bulb	1-5550	5[illegible]02	14.5	15.712	4[illegible]	2[illegible].3	74.1					[illegible]
Dew Point	170821	3[illegible]05	9.6	16.596	4[illegible]	27.5	79.9					[illegible]

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...ETAC
... EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
...736	FT RICHARDSON AK	77-82	AP

PAGE 1 — HOURS (L. S. T.) 1900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7/ 4		.2																1	1		
6/ 43			.2	.2	.1													7	7	1	
7/ 41		.7	.7	1.4														17	17	1	1
6/ 7		1.7	3.1	.5														22	22		1
7/ 37	.5	1.2	.2	.5														10	17	22	6
7/ 39	.5	1.7	1.4															15	15	16	2
7/ 33		2.1	.9	.2														14	14	11	17
7/ 31	2.1	4.2	3.3															41	41	30	24
7/ [illegible]	.2	2.1	1.7															17	17	22	21
7/ 27	.2	2.8	.5															16	16	22	15
7/ 25	.2	6.8	.9															34	34	27	25
7/ 23		2.3	.7															17	17	33	9
7/ 21	1.7	3.8	.2															24	24	24	26
7/ 1	1.2	4.7	.7															28	28	24	23
6/ 17		3.1	.7															16	16	16	27
7/ 15	.7	2.6	.7															17	17	14	23
7/ 13	1.2	.7	.2															9	9	19	22
1/ 11	.2	1.3																12	12	9	15
7/ [illegible]	.5	1.4	.7															11	11	15	7
7/ 7		1.4	.2															7	7	12	13
7/ 5	.5	2.1																11	11	12	9
7/ 3	1.4	2.1																15	15	15	7
7/ 1	1.2	2.8																17	17	14	19
7/ -1	2.1	.2																13	13	17	13
7/ -3	1.2	.5																7	7	3	12
7/ -5	.7	.9																7	7	3	4
7/ -7	2.4																	10	10	14	11
7/ -9	.2																	1	1	1	3
7/-11	.9																	4	4	4	9
7/-13																					4
7/-15	.5																	2	2	2	4
7/-17	.2																	1	1	1	3
7/-19	.2																	1	1	1	13
7/-21																					3

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

L AL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

236	FT RICHARDSON AK	77-82	FEB
STATION	STATION NAME	YEARS	MONTH

FROM 0000-1100
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-23																					1
-22																					1
-27																					1
-29																					1
TOTAL	22.25	.617	.9	2.9		.5													425	424	424

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	232619	30759	72.5	14.539	424							
Dry Bulb	257[illegible]	8610	20.3	14.027	425	[illegible].1	68.2					[illegible]
Wet Bulb	231[illegible]	7919	18.7	13.341	424	1[illegible].1	71.7					84
Dew Point	174999	5295	12.5	16.043	424	21.2	77.5					69

USAFETAC FORM 0-26 5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
73[illegible]	[illegible] RICHARDSON, AK	77-82	[illegible]

PAGE 1 — HOURS (L.S.T.) 1[illegible]0-14[illegible]

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 47			.2															1	1		
[illegible] / 45				.2														2	2		
4 / 43		.2	.9	1.6														12	12	1	
[illegible] / 41			2.6	.9	.2													16	16	2	1
[illegible] / [illegible]	.2	.5	3.5	.2														19	19	12	1
[illegible] / 37	.5	1.6	1.4	.7														19	19	27	3
[illegible] / [illegible]	.5	3.6	2.1	.2														28	28	24	1
5 / 33	.2	2.1	2.3															25	25	37	24
[illegible] / 31	2.6	6.1	3.3	.7														54	54	32	43
[illegible] / [illegible]	.2	2.6	3.3															26	26	23	22
[illegible] / 27	.2	4.9	.5	.2														27	27	[illegible]	13
[illegible] / 25	.5	3.3	.7	.2														25	25	42	22
[illegible] / 23	.5	3.1	.9															19	19	34	15
2 / 21	.2	1.9	3.8															28	28	16	25
[illegible] / 19	.2	1.9	2.6															20	20	17	47
[illegible] / 17		1.4	1.4															12	12	[illegible]	[illegible]
1 / 15	.5	2.1	1.4															17	17	17	11
[illegible] / 13	.5	2.6	.5															16	16	16	[illegible]
1 / 11	1.2	2.7	1.6															24	24	19	5
[illegible] / [illegible]	.5	1.6																10	10	16	22
[illegible] / 7	.7	2.3																11	11	21	12
[illegible] / [illegible]		1.2																5	5	3	9
[illegible] / 3	.7	1.6																10	10	12	21
[illegible] / 1	.5	.7																5	5	5	18
[illegible] / -1	.7																	3	3	3	24
[illegible] / -3	.2	.2																3	3	2	[illegible]
[illegible] / -5																				1	1[illegible]
[illegible] / -7																					7
[illegible] / -9																					1[illegible]
[illegible] / -11																					[illegible]
-1 / -13																					[illegible]
[illegible] / -17																					[illegible]
TOTAL	11.6	49.3	33.6	5.4	.2													426	426		426
																		426		426	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	224524[illegible]	30[illegible]2	71.2	14.305	426							
Dry Bulb	326[illegible]	10793	25.3	11.139	426	1.2	61.1					[illegible]4
Wet Bulb	276856	9860	23.2	10.596	426	1.2	65.7					[illegible]4
Dew Point	194597	7207	16.9	13.285	426	11.8	76.3					[illegible]4

USAFETAC FORM 0-26-5 (OL A) REV 84 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]RAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
FEB — MONTH

PAGE 1 — 1:00-17:00 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 4[illegible]				[illegible]														1	1		
4/ 4[illegible]		.5	.7	1.[illegible]	.2													10	10		
[illegible]/ 41		1.[illegible]	1.9	1.5														13	18	5	
[illegible]/ [illegible]		.[illegible]	2.1	.2														16	16	9	1
[illegible]/ 37	.[illegible]	1.2	2.2															16	16	18	7
[illegible]/ 36	1.[illegible]	2.9	3.4	.7														33	33	3[illegible]	[illegible]
[illegible]/ 33	.5	4.6	1.5	.7														30	30	24	1[illegible]
2/ 31	1.7	4.1	5.3	.5														45	42	42	43
[illegible]/ 2[illegible]	.7	2.4	3.9															28	29	30	5
[illegible]/ 27	.2	4.1	1.9	.2														27	27	31	1[illegible]
[illegible]/ 25	.5	3.4	1.9	.2														25	25	45	17
[illegible]/ 23	.2	1.9	1.2															14	14	20	1[illegible]
[illegible]/ 21	1.[illegible]	1.7	2.4															21	21	21	34
[illegible]/ 1[illegible]	.2	2.9	1.7															2[illegible]	2[illegible]	13	3[illegible]
[illegible]/ 17	.2	1.2	1.2															11	11	22	24
[illegible]/ 15	.2	1.[illegible]	.7															[illegible]	[illegible]	7	16
[illegible]/ 13	.2	3.4	.2															16	16	11	4
[illegible]/ 11	1.[illegible]	2.2	1.[illegible]															19	19	2[illegible]	[illegible]
[illegible]/		2.4	1.[illegible]															16	16	11	2[illegible]
[illegible]/ 7		2.[illegible]	.2															10	10	21	1[illegible]
[illegible]/ 5		.2																1	1	11	[illegible]
[illegible]/ 3	.7	1.[illegible]																7	7	7	14
[illegible]/ 1	.[illegible]	1.7																[illegible]	[illegible]	9	1[illegible]
[illegible]/ -1	1.[illegible]																	4	4	4	[illegible]
-[illegible]/ -3																					6
-[illegible]/ -5	.5																	[illegible]	2	2	14
-[illegible]/ -7	.2																	1	1	1	[illegible]
[illegible]/ -9																					1[illegible]
-[illegible]/ -11																					[illegible]
-1 / -13	.2																	1	1	1	2
-1 / -15																					[illegible]
-1 / -17																					1
TOTAL	11.44	36.6	36.6	5.3	.2													413	413	413	413

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	214963.3	29204	70.7	19.262	413							
Dry Bulb	322[illegible]	16[illegible]	2[illegible].5	11.361	413	1.[illegible]	58.6					24
Wet Bulb	272[illegible]	9[illegible]	23.3	1[illegible].14	413	1.[illegible]	66.9					24
Dew Point	191045	6293	16.9	13.278	413	13.[illegible]	78.1					24

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7736	FT RICHARDSON AK	77-82	SEP

FACT 1 1000-2000 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47/ 42			.6	.9															5		
47/ 41			1.1	1.1															8	1	
47/ 39		.3	1.1	.8	.5														9		
47/ 37	.3	1.4	1.4	.3														12	12	10	3
47/ 35	1.1	2.3	.3															13	13	13	3
47/ 33	.6	1.7	1.4	.6														15	15	15	7
47/ 31	1.4	7.4	2.6															40	40	18	21
47/ 29		3.4	3.4															24	24	29	17
47/ 27	1.4	4.5	3.4															23	23	24	18
47/ 25		5.4	1.4															24	24	34	21
47/ 23	.3	1.4	.3															7	7	19	15
47/ 21	.3	2.6																12	12	12	25
47/ 19	2.3	3.7	2.3															30	30	22	37
47/ 17		1.7	1.4															11	11	13	13
47/ 15	.6	1.1	.6															8	8	12	15
47/ 13	.3	1.4																6	6	8	13
47/ 11		1.4	.3															6	6	7	8
47/ 9		.3	.3															9	9	8	7
47/ 7		2.0																10	10	13	3
47/ 5	.6	.9																5	5	12	2
47/ 3	.3	3.1																14	14	12	15
47/ 1	1.4	4.5																21	21	19	8
47/ -1	2.3	.3																9	9	14	5
47/ -3	2.1	.3																8	8	9	9
47/ -5	.3	.8																3	3	1	16
47/ -7	.8																	2	2	4	12
47/ -9	.3																	2	2	2	11
47/-11																					12
47/-13																					1
47/-15	.5																	3	3	3	1
47/-17	.8																	2	2	2	5
47/-19	.3																	1	1	1	4
47/-21																					4
47/-25																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

/36 — STATION
FT RICHARDSON AK — STATION NAME
77-5 — YEARS
— MONTH

PAGE 2 — HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-37																					1
/-29																					
/-21																					
TOTAL	.1	.054	.322	.2	.3	.4	.5											352	352	352	352

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1.82737	25191	71.6	15.091	352							
Dry Bulb	219765	7393	21.0	13.055	352	7.2	69.2					64
Wet Bulb	189374	6790	19.3	12.899	352	3.6	71.8					64
Dew Point	144545	4524	12.9	15.690	352	21.5	79.7					64

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7736	FT RICHARDSON AL	77-82	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
- / 47			•															1	1		
5 / 45		•1	•1	•2	•1													10	10		
4 / 43		•1	•3	•7	•1													30	39	5	
/ 41		•4	1•5	1•1	•[illegible]													6	66	7	3
/ [illegible]	•[illegible]	•7	2•5	•3	•1													78	78	42	7
/ 37	•4	1•3	1•2	•3														55	65	93	24
/ 35	•7	2•4	1•5	•2														104	104	109	41
3 / 33	•3	2•6	1•5	•3														102	112	96	73
/ 31	2•[illegible]	4•7	2•9	•2														210	216	152	163
/ 29	•4	2•6	2•3															115	115	133	127
/ 27	•5	4•[illegible]	1•2	•1														126	127	172	77
/ 25	•5	4•5	1•1	•1														136	135	191	69
/ 23	•6	2•7	•6															97	87	139	73
/ 21	1•2	2•2	1•2															104	104	123	145
/ 19	1•7	3•9	1•3															112	112	172	163
/ 17	•1	2•4	•5															74	74	125	124
/ 15	•5	2•[illegible]	•6															76	70	7[illegible]	91
/ 13	•6	2•2	•2															64	64	69	73
1 / 11	•[illegible]	2•5	•															58	58	71	74
/	•2	2•2	•5															63	63	75	79
/ 7	•	1•7	•1															41	41	73	45
/ [illegible]	•2	1•1																27	27	46	3[illegible]
/ 3	•6	1•6																54	54	6[illegible]	61
/ 1	1•1	2•[illegible]																69	69	63	76
/ -1	1•	•2																44	44	72	56
- / -3	1•5	•3																39	39	42	46
- / -5	1•	•3																27	27	22	65
- / -7	1•2																	29	29	35	52
- / -9	1•1																	25	25	29	63
-1 / -11	•[illegible]																	16	16	13	33
-1 / -13	•2																	4	4	4	11
-1 / -15	•8																	16	13	12	33
-1 / -17	•6																	14	14	14	26
-1 / -19	•5																	11	12	11	41

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) APR 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7736	FT RICHARDSON AK	77-82	FEB

PAGE 2 — HOURS (L. S. T.): ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-21	.5																	1	1	1	24
2/-23																					21
/-25																					2
/-27																					13
/-29																					5
/-31																					5
/-33																					4
3 /-35																					5
3 /-37																					2
4/-45																					1
TOTAL	22.5	.8	22.0	3.4	.4													2143	2145	2123	2143

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	11.0169	15.7766	72.5	14.519	2187							
Dry Bulb	1414.12	46.46	21.1	14.265	2185	71.7	529.3					672
Wet Bulb	1129.67	42.350	19.4	13.513	2183	74.5	563.6					672
Dew Point	743935	28835	13.2	16.365	2183	156.4	626.7					672

USAFETAC FORM AUG 84 0 26 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]736	FT RICHARDSON AK	77-80	[illegible]

PAGE 1 — HOURS (L. S. T.) 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 4[illegible]			.4															1	1		
[illegible]/ 41		.4	1.3	1.3														7	7	1	
[illegible]/ 3[illegible]			.9	.9														4	4	2	1
[illegible]/ 37			.9															2	2	2	1
[illegible]/ 35	.4	1.[illegible]	.9															7	7	9	1
3/ 33	.9	1.8	.4															7	7	8	2
[illegible]/ 31		7.1	.9															16	16	6	11
[illegible]/ [illegible]	1.3	8.8	3.9															33	33	18	3
[illegible]/ 27	.4	9.3	1.3															23	23	27	9
[illegible]/ 25	.9	5.7	1.3															18	18	31	30
[illegible]/ 23		4.4																10	10	19	5
2/ 21	.4	6.6	1.3															19	19	16	16
[illegible]/ 1[illegible]	.4	3.9																10	10	11	21
[illegible]/ 17		2.6	.4															7	7	7	24
1[illegible]/ 15		4.3	.9															13	13	16	12
[illegible]/ 13	.4	1.3	.9															6	6	5	9
1[illegible]/ 11	1.3	2.6																9	9	8	6
[illegible]/		4.6																11	11	6	15
[illegible]/ 7	.4	1.9																5	5	15	4
[illegible]/ [illegible]	.4	.9																3	3	3	7
[illegible]/ 3	.9	1.3																5	5	6	4
[illegible]/ 1		1.3																3	3	3	11
[illegible]/ -1	1.[illegible]																	4	4	4	5
-[illegible]/ -3	1.3																	3	3	3	1[illegible]
-[illegible]/ -5																					7
-[illegible]/ -7	.4																	1	1	1	4
-[illegible]/ -9	.4																	1	1	1	3
-1[illegible]/ -15																					2
TOTAL	12.7	65.3	15.8	2.2														226	226	226	226

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1319349	17161	75.3	11.[illegible]43	228							
Dry Bulb	139976	5116	22.4	10.532	228	3.7	61.6					93
Wet Bulb	121723	4747	2[illegible].8	10.323	228	3.7	84.[illegible]					93
Dew Point	84966	3556	15.6	11.401	228	12.6	91.[illegible]					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72736 — STATION — FT RICHARDSON, AK — STATION NAME — 77-82 — YEARS — MAR — MONTH

PAGE 1 — 1656-1956 — HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47						.2												1	1		
4/ 45			.2	1.2														2	2		
/ 41			1.	1.2														1	1		
/ 39			.4		.4													4	4	4	
/ 37		1.2	1.5	.2														14	14	5	
/ 35		1.7	1.2	.2														15	15	21	
3 / 33	.4	2.1	1.7															2	22	16	7
/ 31	1.2	2.1	.6															55	55	21	31
/ 29	1.5	5.2	2.7															49	49	55	26
/ 27	1.2	10.4	1.5															67	67	45	37
/ 25		5.6	2.3															41	41	66	43
/ 23	.4	2.7	.4															18	18	44	24
2/ 21	1.5	3.5	1.2															32	32	32	48
/ 19	.4	4.8	.4															29	29	24	21
2 / 17	.4	2.9	.8															1	21	19	34
1 / 15		4.6	.4															26	27	24	27
/ 13		3.1	.4															18	19	21	16
1 / 11	.2	1.9	.4															16	16	20	18
1 / 9	.2	2.1																13	12	15	26
/ 7	.4	1.5																10	10	14	16
/ 5	.2	1.2																7	7	11	17
/ 3	.6	1.7																12	12	11	12
/ 1	.4	1.9																12	12	11	13
/ -1	1.2																	8	8	11	14
- / -3	.6																	3	3	3	11
- / -5	.4																	2	2	2	9
- / -7	.4																	2	2	2	11
- / -9																					7
- / -11																					1
-1 / -13																					1
-1 / -15																					1
TOTAL	12.3	67.2	16.6	3.5	.4	.2												518	520	518	518

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2362913	38753	74.8	11.100	518							
Dry Bulb	341232	12154	23.4	10.494	520	2.7	79.0					93
Wet Bulb	293917	11229	21.7	9.883	518	3.2	83.5					93
Dew Point	203465	8461	16.4	11.179	518	10.8	91.7					93

USAFETAC FORM AM 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7736	FT RICHARDSON, AK	77-82	MAY

PAGE 1 — HOURS (L. S. T.) 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
57/ 53							.2											1	1		
57/ 51							.2											1	1		
57/ 47					.2	.2												2	2		
57/ 45				.4	.2													3	3		
47/ 43			1.2	1.9	.2													17	17		
57/ 41		.4	1.5	1.2														20	20	3	
57/ 37			2.9	1.2	.4													23	23	15	
57/ 37		2.1	2.5	2.1														35	35	17	2
57/ 35		1.5	5.6	.4														39	39	43	3
57/ 33	.2	5.6	3.3	.2														48	49	38	15
57/ 31	1.3	3.9	6.9	1.2														65	65	67	44
57/ 29	.6	4.1	4.0	.4														43	42	67	53
57/ 27		3.8	1.9	.4														32	32	52	57
57/ 25		3.1	3.5															34	35	47	46
57/ 23	.2	2.1	2.5															35	36	35	31
57/ 21	.2	2.9	1.3															23	24	26	43
57/ 19	.2	2.6	.8															20	21	33	47
57/ 17		1.9	.6															17	13	14	22
57/ 15		3.1	.2															17	18	15	22
57/ 13	.2	1.2																7	7	17	32
57/ 11	.4	.8	.4															7	8	9	34
57/ 9	.2	.8																5	5	5	13
57/ 7																				5	13
57/ 5	.2	.4																3	3	3	7
57/ 3		.4																1	1	1	11
57/ 1		.2																1	1	1	4
57/ -1																					4
57/ -3																					4
57/ -5																					3
57/ -7																					1
57/ -9																					1
TOTAL	3.8	45.7	39.0	17.0	1.0	.2	.4												526		521
																		521		521	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2675961	36845	70.7	11.026	521							
Dry Bulb	498212	15590	29.7	8.297	526		59.6					93
Wet Bulb	41033.3	14035	27.0	7.545	521		71.4					93
Dew Point	271113	10965	21.7	8.808	521	2.1	88.5					93

USAFETAC FORM 0-26.5 (OL A) 84 APR REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] AL CLIMATOLOGY BRANCH
USAFETAC
[illegible] ETHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION — FT [illegible] STATION NAME — 77-8[illegible] YEARS — [illegible] MONTH

[illegible] HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																		1	1		
[illegible]																					
[illegible]				1.																	
[illegible]			.5	2.1	1.																
[illegible]		.2	1.5	3.	.4													1	1		
[illegible]		.2	2.3	4.	.2													37	37	12	[illegible]
[illegible]		.6	5.2	7.1														41	41	34	
[illegible]		2.9	4.5	1.2	.4													[illegible]	[illegible]	40	
[illegible]		3.1	2.3	1.9														41	41	71	11
[illegible]		3.2	6.2	1.1	.4													65	63	[illegible]	11
[illegible]	1.	6.7	7.7	1.5														6	36	[illegible]	77
[illegible]		1.5	4.2	.6														33	34	32	[illegible]
[illegible]		3.6	3.5															34	34	47	27
[illegible]		1.5	2.1															19	20	[illegible]	[illegible]
[illegible]		1.3	.8															11	11	[illegible]	[illegible]
[illegible]		.6	.6															7	7	12	40
[illegible]		2.3	1.3															17	17	12	44
[illegible]		1.7	.2															10	10	12	[illegible]
[illegible]		.8																8	4	11	11
[illegible]		.2																1	1	6	1
[illegible]		.2																1	1	1	1
[illegible]																					7
[illegible]																					
[illegible]																					7
[illegible]																					
[illegible]																					1
TOTAL	1.	32.	43.	51.	9.	3.	.4	.2											524		522

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	249,143	355,4	68.2	11.122	522							
Dry Bulb	325613	17716	33.9	7.138	524		39.9					93
Wet Bulb	194392	15832	30.4	6.279	522		54.5					92
Dew Point	331173	12585	24.1	7.299	522		85.3					93

USAFETAC FORM AX 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0265 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
730	FT RICHARDSON AK	77-82	MAY

PART 1 — HOURS (L.S.T.) 1100-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 51																		1	1		
/ 47				.2	.4													3	3		
3 / 43				.1	.5													19	19		
47 / 43			.3	2.5	.													29	29		
7 / 41		.6	4.1	4.5	1.2													53	53	4	
5 / 39		1.3	3.9	2.7														39	39	44	1
7 / 37		2.1	4.5	1.5	.4													45	45	43	4
/ 35		3.5	3.7	3.3														54	54	57	9
2 / 33		6.	6.6	1.6	.2													74	74	55	55
/ 31	.2	5.4	3.4	1.4														84	84	66	75
/ 29		.8	3.3	1.2														27	27	77	65
/ 27		2.7	1.8	.5														26	25	50	57
/ 25		1.2	1.5	.4														16	16	37	51
/ 23		1.2	1.2															10	12	21	27
2 / 21		1.2	.6															8	8	11	36
/ 19	.2	2.1	1.4															19	19	23	52
/ 17		.4	.2															6	6	5	26
/ 15		.2																1	1	11	24
/ 13																				2	19
1 / 11																					7
/ 9																					5
/ 7																					9
/ 5																					6
/ 3																					6
/ 1																					2
TOTAL		.42	.143	.323	.2	.5		.1											514		514

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum	2403871	34612	67.3	11.243	514							
Dry Bulb	624327	17597	34.3	6.021	514		35.6					93
Wet Bulb	503129	15791	30.7	5.933	514		54.8					93
Dew Point	328455	12415	24.2	7.465	514		65.0					93

2

[illegible] AL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT [illegible]CHAMBERSON AF	57-62	[illegible]

PAGE 1 — HOURS (L.S.T.) 1[illegible]-22[illegible]

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 45					•[illegible]													1	1		
47 / 43			•4	•[illegible]	•2													7	7		
/ 41		•6	1•[illegible]	2•5	•[illegible]													[illegible]	25	1	
[illegible] / [illegible]		•2	2•7	1•2	•2													24	24	[illegible]	1
[illegible] / 37		1•7	4•6	1•[illegible]														[illegible]	35	23	1
/ 35	•4	2•3	5•2	1•2														44	44	44	3
[illegible] / 33	•2	4•6	3•1	•4														40	40	41	1[illegible]
2 / 31	1•2	9•1	6•9	1•2														89	89	[illegible]	36
/ [illegible]	•[illegible]	5•8	3•4	•4														[illegible]	[illegible]	63	47
/ 27		4•[illegible]	2•[illegible]	•4														35	35	59	46
/ [illegible]	•2	2•7	2•5	•2														27	27	[illegible]5	38
/ 23	•2	2•1	•[illegible]															15	15	25	3[illegible]
2 / 21	•2	2•7	•2															18	18	[illegible]	4[illegible]
/ 1[illegible]	•4	4•6	•[illegible]															[illegible]	[illegible]	2[illegible]	47
/ 17		•8	•8															8	8	16	23
1 / 1[illegible]		1•7	•4															10	10	6	27
/ 13		•8																8	4	13	3[illegible]
1 / 11		1•[illegible]																[illegible]	5	[illegible]	21
/		•8																[illegible]	2	5	12
/ 7		•6																3	3	1	1[illegible]
/ [illegible]																				[illegible]	2
/ [illegible]	•2																	1	1	1	11
/ 1																					7
/ -[illegible]																					4
/ -3																					[illegible]
TOTAL	4•2	45•7	39•3	11•2	•2														481		481
																		481		481	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2403376	34134	71.[illegible]	11.279	481							
Dry Bulb	461126	14473	30.1	7.366	481		59.[illegible]					[illegible]
Wet Bulb	375015	13213	27.5	6.779	481		72.9					93
Dew Point	205061	10353	21.5	8.193	481	1.2	68.9					93

USAFETAC FORM JUL 64 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

236	FT RICHARDSON AK	77-82	MA
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL (HOURS L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 50							.1											2	2		
/ 51						.1	.1											4	4		
/ 4					.0	.0												2	2		
/ 47				.2	.2	.2												12	12		
4 / 45			.1	1.	.4													43	43		
4/ 43		.2	1.1	1.2	.2													52	52	1	
/ 41		.4	2.2	2.8	.3													157	157	2	1
/ 39		.3	2.1	1.5	.2													135	135	137	3
/ 37		1.8	3.3	1.2	.1													1 1	151	133	4
/ 35	.1	2.4	3.4	1.3														230	230	266	32
3 / 33	.2	4.5	4.6	.6	.1													259	259	213	1 4
/ 31	.1	7.9	5.6	1.														425	425	224	276
/ 29	.7	3.9	3.9	.5														276	251	352	262
/ 27	.2	5.2	2.1	.3														217	217	265	265
/ 25	.1	3.1	2.3	.1														1 5	157	286	276
/ 23	.1	2.	1.0															99	93	175	145
2/ 21	.4	2.5	1.															157	158	126	232
/ 1	.3	3.4	.3															123	124	173	262
/ 17	.1	1.7	.3															5	65	73	159
1 / 15		2.3	.3															71	73	53	13
/ 13	.1	1.1	.1															76	37	64	137
1 / 11	.3	.9	.1															35	39	43	1 7
/	.1	1.																30	30	31	68
/ 7	.1	.2																18	18	35	62
/ 5	.1	.4																13	13	2	46
/ 3	.2	.3																19	19	19	47
/ 1	.1	.5																16	16	15	47
/ -1	.4																	12	12	13	27
- / -3	.2																	6	6	6	27
- / -5	.1																	2	2	2	15
- / -7	.1																	3	3	3	16
/ -9	.2																	1	1	1	11
- / -11																					6
-1 / -13																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...AFETAC
...EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
738	FT RICHARDSON AK	77-82	APR

PART 1 — HOURS (L.S.T.): ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1 /-15																					
TOL	4.	46.	134.	712.	4	1.	5	.1		.1								2794	2793	2794	2784

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1433562	197089	70.3	11.751	2784							
Dry Bulb	2091785	82551	29.6	9.386	2793	6.4	454.4					744
Wet Bulb	2210525	74959	26.7	8.403	2784	7.7	547.3					744
Dew Point	1474233	58355	21.0	9.498	2784	29.1	704.9					744

USAFETAC FORM 0-26-5 (OL-A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]736	FT RICHARDSON AK	77-82	APR

PAGE 1 | HOURS (L.S.T.) 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47/43		.4																1	1	1	1
[illegible]/41			.9															2	2		
[illegible]/39		1.3	2.6	.9														11	11		
[illegible]/37		2.6	5.2	1.3														21	21	6	
[illegible]/35		6.0	.9															16	16	16	
3[illegible]/33	.4	5.2	5.6	.4														34	34	31	12
[illegible]/31	1.7	8.6	3.[illegible]															31	31	[illegible]	[illegible]
[illegible]/29	1.3	3.9	3.9	.4														22	22	[illegible]	[illegible]
[illegible]/27		3.6	1.7	.4														25	25	19	27
[illegible]/25		4.7	.9															13	13	21	2[illegible]
[illegible]/23		2.1	2.6															11	11	17	[illegible]
2[illegible]/21	.[illegible]	5.2	.9															16	16	13	1[illegible]
[illegible]/19	.4	2.4																8	9	14	3[illegible]
[illegible]/17		3.9																9	9	7	1[illegible]
[illegible]/15																				6	1[illegible]
[illegible]/13		.9																2	2		8
1[illegible]/11	1.3	1.3																6	6	5	9
[illegible]/																				2	1[illegible]
[illegible]/7		1.3																3	3		5
[illegible]/		.4																1	1	4	
[illegible]/1																					1
[illegible]/-1																					1
[illegible]/-3																					3
[illegible]/-5																					4
[illegible]/-7																					1
TOTAL	.4	62.7	27.9	3.4															233		233
																		233		233	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	13525[illegible]	17562	75.4	11.158	233							
Dry Bulb	208326	6758	29.[illegible]	7.266	233		57.2					90
Wet Bulb	180394	6276	26.9	6.993	233		69.1					90
Dew Point	130176	5118	22.0	8.748	233	2.7	85.0					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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[illegible] AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
APR — MONTH

PAGE 1 — 0600-08[illegible] HOURS (L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47				.2	.2													2	2		
4 / 45			.5	1.4	.4	.2												11	11		
4 / 43			1.2	1.4	.6													16	16		
/ 41		.8	4.3	2.5	.2													35	39	4	
/ 39		1.0	5.1		.2													34	34	38	
/ 37		2.7	6.6	1.6	.4													55	56	35	4
/ 35		3.7	5.5	1.[illegible]														50	50	58	16
2 / 33	.6	5.3	4.3	.6														54	54	56	31
/ 31	1.2	7.2	5.9	.6														73	73	54	74
/ 29	.2	3.7	4.1	.2														40	40	60	4[illegible]
/ 27	.6	4.9	1.[illegible]	.4														34	34	45	55
/ 25		2.5	2.5															24	24	43	47
/ 23		1.0	.6															9	9	24	25
2 / 21		1.6																8	8	13	36
/ 19	.8	7.3	1.0															17	17	14	53
1 / 17	.2	1.2	.2															3	8	13	14
1 / 15	.2	.2	.4															4	4	6	22
1 / 13		1.2																5	5	4	15
1 / 11		.2																1	1	5	11
1 / 9		.6																3	3	1	8
/ 7		.2																1	1	3	3
/ 5		.2																1	1	2	3
/ 3																					2
/ 1																					6
/ -1																					1
- / -3																					1
- / -5																					3
- / -7																					6
TOTAL	3.5	41.0	43.2	17.0	2.0	.2												488	490	488	488

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2567[illegible]1	34933	71.6	11.746	488							
Dry Bulb	54[illegible]75	15991	32.6	7.322	490		41.9					90
Wet Bulb	4[illegible]4045	14525	29.9	6.678	488		55.9					90
Dew Point	315316	11768	24.1	8.110	488	1.3	80.2					90

USAFETAC FORM AN 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]736	FT RICHARDSON AK	77-82	APR

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5[illegible] / 55					.4	.2												[illegible]	[illegible]		
4 / 53					.4	.2												4	4		
[illegible] / 51				.4	1.[illegible]	.2												8	8		
[illegible] / 49				1.6	1.2	.4	.4											18	18		
[illegible] / 47			.2	4.2	3.[illegible]	.2												38	38	3	
4 / 45			1.8	5.5	2.2	.2												49	48	7	
47 / 43		.2	3.6	4.4	1.4													48	48	12	
[illegible] / 41		.6	5.2	3.6	1.[illegible]	.4												44	45	40	
41 / 39		1.2	5.9	3.[illegible]	.6													[illegible]3	53	69	4
[illegible] / 37		2.8	5.9	2.4														55	55	57	26
[illegible] / 35	.2	3.4	5.3	2.4														56	56	76	31
3 / 33	.4	1.8	5.3	.3	.2													42	42	62	64
[illegible] / 31	.2	3.0	3.2	1.2														36	36	53	92
[illegible] / 29		.8	1.6	.4														14	14	45	62
[illegible] / 27			.8															4	4	19	44
[illegible] / 25		.2	.8															5	5	15	51
[illegible] / 23	.2	.4	.8															7	7	9	17
2 / 21			.2															1	1	6	39
[illegible] / 19		.6	1.[illegible]															8	8	4	21
[illegible] / 17		.2																1	1	6	6
[illegible] / 15																				2	13
[illegible] / 13																					7
[illegible] / 11																					4
[illegible] / [illegible]																					5
[illegible] / 7																					4
[illegible] / 5																					2
[illegible] / 3																					3
TOTAL	1.[illegible]	15.4	39.6	30.1	11.7	1.8	.4												496		495
																		495		495	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2174[illegible]71	32245	65.1	12.205	495							
Dry Bulb	79[illegible]289	19377	39.1	6.860	496		14.2					93
Wet Bulb	612614	17182	34.7	5.763	495		28.9					90
Dew Point	407721	13807	27.9	6.764	495		67.3					90

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
ATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73[illegible] FT MICHAELSON AF — STATION NAME — 77-82 — YEARS — APR — MONTH

PAGE 1 — 1[illegible]-14[illegible] HOURS (L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 1							•											1	1		
/ 59						.2	.2											2	2		
/ 57						.2	.2											2	2		
2 / 55					.4	1.2	.2											2	2		
4 / 53				.2	1.[illegible]	2.2												20	20		
/ 51				1.2	2.4	2.6	.2											32	32		
/ 49			.2	2.6	4.[illegible]	1.6												46	46	3	
/ 47			.3	3.2	2.6	.2	.2											35	35	3	
4 / 45		.2	1.[illegible]	7.5	3.2													2	67	[illegible]	
4 / 43		.4	.6	6.2	1.8	.2												49	49	42	1
/ 41		.8	3.2	6.5	1.4													59	60	54	5
/ 39	.2	1.6	4.3	3.9	1.2													58	58	86	17
/ 37		2.[illegible]	3.6	3.[illegible]	.4													45	45	52	29
/ 35		1.2	2.[illegible]	1.2	.6													28	28	68	46
3 / 33		1.4	1.2	.4														15	15	54	54
/ 31		2.[illegible]	.2	.2														12	12	35	97
/ [illegible]			1.[illegible]															5	5	16	67
/ 27		.2	1.[illegible]															6	6	5	6[illegible]
/ 25	.2	.2	.4															6	6	1[illegible]	34
/ 23			.4															2	2	4	16
/ 21			.2															1	1	6	18
/ 1[illegible]																				1	16
/ 17																					1[illegible]
/ 15																					6
/ 13																					[illegible]
/ 11																					6
/ [illegible]																					[illegible]
131	.4	13.1	22.1	36.4	21.5	8.3	1.2												495		494
																		494		494	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1368958	29733	60.2	12.718	494							
Dry Bulb	933153	21232	42.9	6.741	495		5.8					90
Wet Bulb	705219	18479	37.4	5.325	494		14.4					93
Dew Point	447188	14342	29.4	6.226	494		62.3					94

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]736	FT RICHARDSON AK	77-82	AP

PAGE 1 | HOURS (L. S. T.) 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/31							.4											2	2		
[illegible]/29						.2												3	3		
[illegible]/27							.1											1	1		
[illegible]/25						1.[illegible]												5	5		
[illegible]/23				.2	.4	3.1	.2	.2										20	20		
[illegible]/21				.6	3.3	2.7	.2											34	34		
[illegible]/19			.6	2.3	4.[illegible]	1.4												43	43	5	
[illegible]/17			1.[illegible]	3.5	2.5	.2												35	35	5	
[illegible]/15		.2	1.4	7.2	3.[illegible]	.8												66	66	17	
[illegible]/13		1.4	1.6	6.8	1.2													54	54	55	1
[illegible]/11		.8	5.3	6.6	2.9	.6												79	79	71	5
[illegible]/9		.8	4.5	3.1	3.1	.6												59	60	76	19
[illegible]/7		.4	3.5	1.4	.[illegible]	.2												28	29	53	19
[illegible]/5		2.1	1.9	.4														21	21	67	39
[illegible]/3		1.4			.2													8	8	49	66
[illegible]/1		1.4		.3														11	11	31	110
[illegible]/29			.6															3	3	10	54
[illegible]/27		.6	1.9															12	12	1	56
[illegible]/25			.2															1	1	12	35
[illegible]/23			.2															1	1	7	6
[illegible]/21																				2	22
[illegible]/19																					11
[illegible]/17																					31
[illegible]/15																					11
[illegible]/13																					11
[illegible]/11																					1
[illegible]/[illegible]																					[illegible]
TOTAL	0	22.8	33.1	22.2	11.3	1.0	.2												488		400
																		496		496	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1[illegible]6267	28945	59.6	13.[illegible]32	485							
Dry Bulb	635479	21145	43.3	6.293	488		5.2					98
Wet Bulb	702215	18315	37.7	4.976	485		11.7					98
Dew Point	443272	14372	29.6	6.138	486		62.2					98

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73[illegible] FT RICHARDSON AK — STATION / STATION NAME
57-82 — YEARS
[illegible] — MONTH

PAGE 1 — 10[illegible]-2[illegible] HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57						.2												1	1		
5 / 55						.2												1	1		
4/ 53					.5													2	2		
2/ 51					.7	.7												6	6		
/ 4				.2	2.4	.2												13	13	1	
/ 47			.7	2.9	2.9	.2												30	30	1	
/ 45			1.1	5.1	2.	.2												38	38	3	
4/ 43		.2	1.2	5.7	.7	.2												35	39	7	
/ 41		.4	4.4	7.1	1.7													60	60	19	2
/ 3		1.1	6.8	4.6	1.7													63	63	29	3
/ 37		1.9	7.3	2.	.7													54	55	64	9
/ 35		4.4	4.	3.1														52	52	74	21
/ 33		1.3	2.4	.9	.4													25	25	72	46
/ 31	.7	3.8	3.1	1.3														46	41	46	57
/ 2	.2	.7	1.3	.2														11	11	35	72
/ 27		.9	.4															6	6	22	49
/ 25		.2	.7															4	4	12	47
/ 23			.7															2	2	4	16
2/ 21		.7	.4															5	5	4	28
/ 19																				7	28
/ 17																					14
1 / 15																					6
/ 13																					5
1 / 11																					7
/ 9																					7
/ 7																					2
TOL	.9	15.9	35.1	33.1	13.1	2.0												453	455	453	453

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1,32592	29[illegible]46	64.1	12.965	453							
Dry Bulb	71372	17[illegible]08	39.1	6.273	455		13.9					90
Wet Bulb	56165	15709	34.7	5.[illegible]25	453		26.4					90
Dew Point	36197	12463	27.6	6.217	453		73.9					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
734	FT RICHARDSON, AK	57-62	APR

PAGE 1 — HOURS (L.S.T.): ALL

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7/ 61							.1											3	3		
/ 59						.2	.2											5	5		
/ 57						.1	.1											4	4		
5/ 55					.2	.5	.2											17	17		
4/ 53				.1	.	1.	.2	.1										46	46		
6/ 51				.4	1.4	1.1	.1											60	60		
/ 4			..	1.2	2.4	.7	.1											120	120	9	
/ 47			.5	2.6	2..	.2	..											140	140	17	
0/ 45		.1	1.1	4.5	2.2	.3												225	225	55	
4/ 43		.5	1.6	4.6	1.1	.1												207	207	122	3
6/ 41		.6	3.9	4.3	1.2	.2												262	235	218	13
5/ 3	..	1.3	5.1	2.7	1.2	.1												276	279	320	43
/ 37		2.2	5.3	2.2	.3	.0												258	261	307	87
/ 35	..	3.2	3.6	1.4	.1													223	223	354	155
3/ 33	.3	2.9	2.9	.5	.2													178	178	326	273
/ 31	.5	3.9	2.5	.8														205	206	267	500
/ 2	.2	1.3	1.0	.2														95	95	191	330
/ 27	.1	2.3	1.1	.1														67	67	111	291
/ 25	.	1.0	1.0															53	53	129	229
/ 23	..	.5	.8															33	33	65	79
0/ 21	.1	.9	.2															31	31	44	161
/ 19	.1	.6	.4															34	34	40	170
/ 17	.	.6	.															18	18	26	73
/ 15	..	.0	.1															4	4	16	70
/ 13		.3																7	7	4	51
1/ 11	.1	.2																7	7	1	36
/		.1																3	3	4	37
/ 7		.2																4	4	3	15
/ 5		.1																2	2	6	5
/ 3																					3
/ 1																					7
/ -1																					5
- / -3																					9
- / -5																					7

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
7736	FT RICHARDSON AK	77-82	AP

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-7 / -7																					3
TOTAL	1	22	232	126	312	[illegible]	4.3	.5	.0										2657		2642
																		2649		2649	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	11702353	172461	65.1	13.365	2649							
Dry Bulb	4119039	102711	39.5	8.219	2657		158.3					720
Wet Bulb	3210352	90486	34.2	6.731	2649		249.3					720
Dew Point	2105640	72090	27.3	7.369	2649	3.9	564.0					720

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
70236	FT RICHARDSON AK	77-82	MAY

PAGE 1 — HOURS (L. S. T.) 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
59/						.4												1	1		
55/				.4														1	1		
53/		.4																1	1		
51/				.7	.4													3	3	1	1
49/		.7	.4	.7	.4													6	6	2	
47/		.4	1.8	1.4	.4													11	11	2	
45/		2.9	2.9	2.5	.4	.4												25	25	6	3
43/	.7	2.2	6.3	3.3	.4													41	41	23	7
41/		6.5	8.3	1.4	.4													40	46	32	11
39/		6.5	7.2	1.4	.7													44	44	57	28
37/		8.3	2.9	1.1	.4													35	35	40	13
35/	.7	3.3	1.3	1.1														19	19	50	42
33/		4.3	3.6		.4													23	23	31	48
31/	.7	2.5	1.8															14	14	27	53
29/		.7	.7															4	4	14	17
27/			.4															1	1	7	16
25/			.4															1	1	2	12
23/																				1	6
21/																				1	3
19/																					9
17/																					3
15/																					2
13/																					2
11/																					1
9/																					1
7/																					1
TOTAL	.23	.84	3.6	14.1	3.6	.7												276	276		276
																		276		276	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	1575563	20589	74.6	12.456	276							
Dry Bulb	451344	11974	43.1	5.052	276		6.7					93
Wet Bulb	384309	10219	37.0	4.765	276		17.5					93
Dew Point	300247	8933	32.4	6.360	276		43.1					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

738	FT RICHARDSON AK	77-82	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 1 HOURS (L.S.T.) 00Z-23Z

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]								.2										2	2		
[illegible]/61																		1	1		
[illegible]/59						.2	.2	.2										7	7		
[illegible]/57				.2	.4	.2												4	4		
[illegible]/55			.2	.4	.6	.4												8	8		
[illegible]/53		.2	.6	.2	1.4	.4												14	14	3	
[illegible]/51		.4	.6	.2	1.6	.2												24	24	6	
[illegible]/49		.8	2.2	4.2	3.2	.8												55	55	12	3
[illegible]/47		.6	4.2	7.4	2.4													73	73	14	[illegible]
[illegible]/45	.2	2.2	5.8	3.6	.8													89	89	46	11
[illegible]/43		3.6	7.8	4.8	1.4													68	68	70	17
[illegible]/41		3.8	7.2	2.2	.4													68	68	126	30
[illegible]/39	.2	1.4	4.[illegible]	1.2		.2												34	34	112	53
[illegible]/37	.8	1.4	2.[illegible]	.2														19	19	61	73
[illegible]/35	.2	.6	1.															9	9	39	65
[illegible]/33		.4	.6															5	5	15	74
[illegible]/31		.2		.2														2	2	7	77
[illegible]/29																				4	51
[illegible]/27																				1	1[illegible]
[illegible]/25																					1[illegible]
[illegible]/23																					4
[illegible]/21																					2
[illegible]/1																					2
[illegible]/15																					1
[illegible]/13																					1
TOTAL	.8	15.7	36.3	31.9	12.7	2.4	.4	.2										498	493	498	498

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	24[illegible]512	34[illegible]92	68.5	12.264	498							
Dry Bulb	1[illegible]30459	22[illegible]25	45.2	4.844	498		.4					[illegible]
Wet Bulb	34799	20291	40.7	4.323	498		2.2					9[illegible]
Dew Point	625467	17463	35.1	5.130	498		27.3					[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CL AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	MAY

CHART 1 — HOURS (L. S. T.) 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77/69									.2									1	1		
75/67								.2										2	2		
73/65					.2	.2	.2		.4									3	3		
71/63						.4	.2	.2										4	4		
69/61				.2	.4	.6	.6											9	9		
67/59				.4	.6	.8	.3	.2										14	14		
65/57				.4	2.2	2.2	.2											25	25	2	
63/55			.4	.4	2.4	2.6												31	31	2	
61/53			.4	1.2	3.6	3.4	.2											48	49	10	1
59/51			1.2	4.0	7.6	3.4	.2											4	84	17	
57/49		.2	3.6	6.8	6.6	1.2	.2											85	83	26	2
55/47		1.4	4.4	7.2	3.2	.2												84	84	54	7
53/45		2.4	1.8	5.2	1.6													54	54	81	13
51/43		.8	1.6	1.4	.4													21	21	134	31
49/41		.8	1.2	1.2	.2													17	17	84	51
47/39		.2	.4															3	3	45	67
45/37		.2																1	1	23	65
43/35	.4																	2	2	7	1.0
41/33																				1	49
39/31																					71
37/29																					13
35/27																					3
33/25																					3
31/23																					3
29/21																					3
TOTAL	.4	.0	15.1	29.1	29.7	15.1	7.2	.2	.6									498		498	
																		498		498	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1167311	29841	59.9	12.662	498							
Dry Bulb	1285642	25126	50.5	5.104	498			.6				97
Wet Bulb	970676	21906	44.0	3.773	498							93
Dew Point	674543	18163	36.5	4.935	498		20.9					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
STATE
SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | 77-82 YEARS | MAY MONTH

PART I | 1200-1400 HOURS (L. S. T.)

Temp F	0	1	2	3	4	5	6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77												.2									1	1		
71												.2	.2								2	2		
[illegible]											.2	.2									5	5		
67										.1	1.										7	7		
65								.1	.2	.1	.4										8	8		
63									.4	.2	.2	.2									9	9		
61							.2	.1	1.2	1.[illegible]											17	17		
59								.1	3.4	1.2	.2										25	25	1	
57							.2	1.	5.4	1.4	.1										47	47	5	
55							.6	4.8	5.2	1.8	.4										64	64	9	
53					.4	2.4	7.	6.0	2.[illegible]												89	89	14	
51				1.2	4.4	5.2	4.6														35	35	18	2
49			.3	2.1	3.2	3.4	1.2														53	53	46	5
47			.4	1.2	2.[illegible]	1.[illegible]															38	38	27	4
45			1.2	1.[illegible]	2.1	1.[illegible]															29	29	29	11
43			1.4	1.2	.6																16	16	110	34
41																							57	59
39																							35	5[illegible]
37			.6																		3	3	5	70
35																								73
33																								45
31																								56
29																								23
27																								23
25																								5
21																								1
TOTAL			4.4	3.2	15.7	29.1	27.9	9.8	3.2	.2	.2										498	498	498	498

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1304562	27106	54.6	12.896	498							
Dry Bulb	1430726	26624	53.5	5.559	498			2.8	.2			93
Wet Bulb	1044515	22727	45.6	3.860	498							93
Dew Point	685945	18311	36.3	5.140	498		21.1					93

USAFETAC FORM AA 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)
7 736	FT RICHARDSON AK	77-82	JAN	1500-1700

PAGE 1

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47/72									.6									3	3		
47/71							.2	.4	.6									7	7		
7/69							.2	.4										3	3		
47/67							.2	.2										2	2		
47/65					.2	.2	1.4											9	9		
47/63						.6	.4											5	5		
57/61				.2	.2	1.2	1.2	.4										19	19		
/59					1.	3.8	2.3											33	33	2	
7/57				.2	1.4	5.1	3.1	.3										52	52	12	
5/55				.2	2.3	4.4	2.3	.4										49	49	5	
4/53				2.7	5.3	5.6	1.2											72	72	10	1
/51			1.[illegible]	4.1	8.4	4.5	.6											91	91	27	1
7/4[illegible]		.6	.6	4.7	3.9	1.9	.2											58	58	37	4
/47		.4	1.[illegible]	2.5	2.7	.2												33	33	73	2
7/45		.6	1.4	.8	2.3													25	25	93	21
47/43		1.4	1.4	.4														16	16	119	23
7/41		.8	.2	.2														6	6	64	55
4/3[illegible]		.4																2	2	31	63
7/37		.2																1	1	13	65
/35																					77
3/33																					53
/31																					58
7/2[illegible]																					48
7/27																					21
/25																					10
/23																					4
/1[illegible]																					1
TOTAL	4.5	5.4	16.0	27.8	27.8	14.0	2.9	1.2											496		496
																		496		496	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 91 F	Total
Rel. Hum.	1449399	25319	53.1	12.654	48[illegible]							
Dry Bulb	1406906	25990	53.5	5.908	486			2.9	.5			93
Wet Bulb	1003444	22056	45.4	4.137	486							93
Dew Point	647468	17556	36.1	5.234	486		23.3					93

USAFETAC FORM JUN 64 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CL MAL CLIMATOLOGY BRANCH
AFETAC
AI WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7736	FT RICHARDSON AK	77-82	MAY

PAGE 1 — HOURS (L. S. T.) 1800-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 71							.3	.5										2	2		
/ 69									.2										2		
/ 67							.3											3	3		
5/ 65						.2	.2											4	4		
4/ 63						.4												2	2		
3/ 61					.2	.5	.2											5	5		
/ 59				.6	.2	2.4												15	15	1	
/ 57				1.1	1.3	1.3												17	17	3	
5/ 55				.6	3.7	3.5	.6											39	39	4	
4/ 53		.2		.2	3.2	4.1	.6											38	32	9	
3/ 51			.2	3.9	5.6	3.9	.2											64	64	16	1
2/ 49		.2	1.5	5.4	10.4	1.9	.4											92	92	21	4
/ 47		.6	3.2	4.5	7.1	1.3												78	78	35	5
4/ 45		.2	2.8	5.2	1.7	.2												47	47	56	14
4/ 43		.9	3.2	2.6	.2													35	35	94	16
2/ 41		.4	1.1	.4														9	9	117	33
/ 39	.4	1.5		.2														10	10	96	61
/ 37																				31	35
/ 35																				7	59
2/ 33																					[illegible]
/ 31																					61
/ [illegible]																					37
/ 27																					24
/ 25																					8
/ 23																					2
2/ 21																					2
/ 19																					3
TOTAL	.4	4.1	12.1	24.9	34.2	19.9	7.7	.4	.2									462	462		462
																		462		462	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1596844	26513	57.4	12.213	462							
Dry Bulb	1181125	23227	50.3	5.389	462			1.4				93
Wet Bulb	680477	20077	43.5	4.165	462							93
Dew Point	586769	16273	35.2	5.429	462		32.4					93

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	MAY

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 73									.1									4	4		
7/ 71							.1	.1	.1	.0								11	11		
/ 69							.0	.0	.1									11	11		
5/ 67							.2	.3										14	14		
6/ 65					.1	.1	.5	.1	.1									26	26		
4/ 63						.4	.3	.1	.0									22	22		
2/ 61				.1	.3	.7	.8	.1										51	51		
1/ 59				.2	.4	1.9	.8	.1										91	91	4	
/ 57				.4	1.3	2.6	.8	.3										145	145	12	
5/ 55			.1	.5	2.5	3.0	.8	.1										192	192	28	
4/ 53		.1	.3	1.3	3.7	3.5	.7											262	262	46	2
2/ 51		.1	.8	3.4	5.3	3.0	.3											351	351	85	5
1/ 49		.6	1.0	4.4	4.9	1.3	.1											357	357	146	16
/ 47		.7	2.7	4.4	3.6	.3												317	317	275	38
4/ 45	.0	1.5	2.7	4.2	1.4	.1												269	269	385	69
4/ 43	.1	1.7	3.6	2.1	.5													217	217	550	127
2/ 41		1.7	2.6	.9	.1													146	146	462	241
1/ 39	.1	1.3	1.5	.4	.1	.0												93	93	386	341
/ 37	.0	1.3	.7	.1	.0													59	59	173	346
/ 35	.2	.4	.4	.1														30	30	103	437
3/ 33		.5	.5		.0													28	23	37	324
2/ 31	.1	.3	.2	.0														16	16	34	392
/ 29		.1	.1															4	4	18	154
/ 27			.0															1	1	5	1.0
/ 25			.0															1	1	2	64
/ 23																				1	19
2/ 21																				1	17
/ 19																					10
1/ 17																					4
1/ 15																					2
1/ 13																					7
/ 9																					1
/ 7																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
2736	FT RICHARDSON AK	77-82	MAY

PAGE 2

HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.1	.2	13	122	524	716	7	5.6	1.5	.5	.2							2718	2718	2718	2718

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	10459701	164025	60.3	14.372	2718							
Dry Bulb	6789143	134566	49.5	6.834	2718		6.0	19.9	1.1			744
Wet Bulb	5124297	117274	43.1	4.863	2718		17.5					744
Dew Point	3520419	96699	35.6	5.431	2718		214.1					744

USAFETAC FORM JUL 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
70736	FT RICHARDSON AK	77-82	JUN

PAGE 1 — HOURS (L. S. T.) 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59					.3													2	2		
/ 57			.7	.3	.3													4	4		
F / 55			1.0	2.0	1.4													16	16		
4/ 53		.7	3.1	2.4	1.7	.3												24	24	2	
/ 51		5.6	4.7	6.1		.3												50	50	17	1
/ 4		9.5	6.1	3.1	1.4													65	65	36	10
/ 47		7.5	7.5	2.7	.3													53	53	66	25
4 / 45		11.9	3.7	1.0														40	40	61	42
4/ 43	.3	5.[illegible]	2.4	.7														16	16	64	47
/ 41		2.4	1.4															11	11	34	61
/ 3	.3	1.0	.3															3	5	15	42
/ 37																				7	24
/ 35																				1	13
/ 33																					13
/ 31																					3
/ 29																					2
TOTAL	.7	47.7	33.9	18.3	5.8	.7													295		295
																		295		295	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1638521	23301	78.2	11.031	295							
Dry Bulb	708529	14413	48.9	3.844	295							90
Wet Bulb	616427	13449	45.6	3.345	295							90
Dew Point	528726	12426	42.1	4.253	295		1.5					91

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
2 736	FT RICHARDSON AK	77-82	JUN

PAGE 1 — HOURS (L.S.T.) 0630-0800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥/ 63					.2		.2											2	2		
≥/ 61				.2	.2	.6												5	5		
≥/ 59			.2	2.9	3.1	1.7												41	41		
≥/ 57			1.7	3.5	3.1	1.2												49	49	1	
59/ 55			1.9	5.6	4.1	1.0	.4											67	67	4	1
57/ 53	.2	.6	6.6	6.2	1.4	.8												81	81	33	3
55/ 51		1.6	7.4	6.2	1.4	.6												88	88	56	2
53/ 49		4.3	7.3	3.9														76	75	119	28
51/ 47		7.0	6.0	2.1														78	79	173	42
49/ 45	.2	1.9	1.6	.2														20	20	113	114
47/ 43		1.0																5	5	53	111
45/ 41		.2																1	1	13	56
43/ 39																					63
41/ 37																					13
39/ 35																					1
37/ 33																					2
35/ 31																					1
33/ 29																					
TOTAL	.4	17.5	32.4	30.9	13.4	5.8	.6											515	515	515	515

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	271184	36872	71.6	11.831	515							
Dry Bulb	1428741	27043	52.5	4.113	515							90
Wet Bulb	1192309	24633	47.8	2.987	515							90
Dew Point	969509	22259	43.2	3.806	515		1.0					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]736	FT RICHARDSON AK	77-82	JUN

PAGE 1 — HOURS (L. S. T.): 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7/ 71							.2											1	1		
[illegible]/ 69							.2											1	1		
[illegible]/ 67						.6	1.[illegible]	.[illegible]										11	11		
6/ 65					.[illegible]	2.3	.8											19	19		
4/ 63				.2	1.7	3.3	1.9											37	37		
[illegible]/ 61			.2	1.4	4.[illegible]	2.1	1.2											50	50		
7/ 59			.9	3.7	3.9	3.3	.6											62	62	1	
[illegible]/ 57			2.1	4.1	4.[illegible]	2.5	.4											72	72	10	
5/ 55		1.4	2.5	6.[illegible]	3.7	1.[illegible]												75	75	46	
4/ 53		1.4	6.2	5.[illegible]	1.6													73	73	93	5
7/ 51		1.4	4.[illegible]	2.9														47	47	95	19
[illegible]/ 49		3.9	2.5	1.4														40	40	117	55
7/ 47	.4	3.5	.9															24	24	159	95
4/ 45		.6	.2															4	4	42	115
4/ 43																				5	72
[illegible]/ 41																				1	75
[illegible]/ 39																					43
[illegible]/ 37																					13
[illegible]/ 35																					2
[illegible]/ 33																					4
TOTAL	.4	12.[illegible]	25.0	24.6	21.1	15.1	6.2	.4											16		516
																		516		516	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2348319	34117	66.1	13.467	516							
Dry Bulb	1661442	29164	56.5	5.046	516			2.3				96
Wet Bulb	1318725	26035	50.5	3.152	516							93
Dew Point	1041696	23106	44.8	3.695	516							93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70736	FT RICHARDSON AK	77-82	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1200-14.0 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 73								.4										2	2		
4/ 71							.2	.4	.2									6	6		
7/ 69						1.6	2.1	1.7	.2									22	22		
5/ 67					.4	2.1	2.7	1.4	.6									44	44		
6/ 65					.7	1.7	2.1	.6	.4									30	30		
4/ 63				1.2	2.2	4.3	2.3	1.1	.2									57	57		
2/ 61		.2	.6	2.1	4.7	2.5	1.7											61	61		
1/ 59			.6	3.1	2.9	4.5	1.4											64	64	17	1
1/ 57			1.4	2.1	4.8	2.7	.4											59	59	57	
5/ 55		.6	2.3	4.8	3.3	.4												54	54	55	1
4/ 53		1.4	4.1	2.1	.4	.2												42	42	48	16
2/ 51		2.3	2.9	.4														29	29	84	36
1/ 49		4.1	1.6	.6														32	32	132	71
4/ 47		1.6																8	8	61	91
4/ 45																				16	94
4/ 43		.2																1	1	4	72
2/ 41																					55
4/ 3																					35
1/ 37																					20
1/ 35																					11
3/ 33																					3
1/ 31																					1
TOTAL		11.7	13.4	16.3	19.8	20.3	17.4	5.0	1.6										516		516
																		516		516	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	205.658	31682	61.4	14.841	516							
Dry Bulb	1834373	30619	59.3	5.824	516			12.9	.3			90
Wet Bulb	1399476	26910	52.0	3.352	516							90
Dew Point	1067148	23356	45.3	4.400	516		.2					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]736	FT RICHARDSON AK	77-82	JUN

PAGE 1 — HOURS (L. S. T.) 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 73								.2	.4									3	3		
[illegible]/ 71							.[illegible]	1.6	.2									13	13		
[illegible]/ 69						1.5	2.4	1.[illegible]	.2									27	27		
[illegible]/ 67				.2	.2	2.0	1.2	2.2	.4									31	31		
67/ 65				1.2	1.4	2.4	2.[illegible]	1.2	.6									43	43		
[illegible]/ 63				.4	1.2	5.3	2.4	.[illegible]	.2									52	52		
27/ 61			.2	2.[illegible]	3.0	3.5	2.2											63	63	3[illegible]	
[illegible]/ 59			.4	4.1	2.0	3.1	2.[illegible]											62	62	36	
[illegible]/ 57			1.4	2.0	5.3	2.8												58	58	43	
5[illegible]/ 55			3.9	4.1	2.6	.8												58	58	56	[illegible]
[illegible]/ 53		.2	3.5	2.4	.[illegible]													35	35	90	9
[illegible]/ 51	.2	2.2	2.8	.3														30	37	91	32
[illegible]/ 4[illegible]		1.6	2.6	.6														24	24	117	61
[illegible]/ 47		1.4																7	7	65	91
4/ 45			.4															2	2	16	99
4/ 43																				2	63
[illegible]/ 41																				1	54
[illegible]/ 3[illegible]																					42
[illegible]/ 37																					35
[illegible]/ 35																					11
3/ 33																					2
TOTAL	.2	.3	15.7	17.7	17.9	21.7	12.9	6.7	2.0										508		508
																		508		506	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1921069	30399	59.8	14.182	508							
Dry Bulb	1835[illegible]6	30388	59.8	5.913	508			17.1	.5			90
Wet Bulb	1387146	26478	52.1	3.731	508							90
Dew Point	1042120	22896	45.1	4.480	508							90

USAFETAC FORM JUL 64 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT RICHARDSON AK	77-82	JUL

PAGE 1 — HOURS (L. S. T.) 1600-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/77								.2										3	3		
[illegible]/69						.4	.2	.4										5	5		
[illegible]/67					.2	.6	1.[illegible]	1.[illegible]										14	14		
6/65					.2	.6	.3	.2										11	11		
4/63		.2		.6	1.6	4.9	1.6	.4	.2									48	49		
2/61			.4	1.3	4.3	2.4	1.[illegible]	.4										51	51	1	
[illegible]/59			.4	2.6	3.[illegible]	2.8	2.[illegible]	.2										59	59	6	1
/57		.2	1.4	2.8	4.7	3.7	.5											66	66	16	
5/55		.4	3.9	4.7	4.7	2.[illegible]												77	77	38	1
4/53		1.[illegible]	4.7	5.3	3.7	.6												75	75	77	7
[illegible]/51	.2	2.0	2.8	2.2	1.[illegible]													45	45	96	24
[illegible]/49	.8	1.6	2.2		.2													24	24	112	46
[illegible]/47		1.2	.6	.6														12	12	101	79
4/45		.2																1	1	41	61
4/43		.2																1	1	13	73
[illegible]/41																				1	63
[illegible]/39																					4[illegible]
[illegible]/37																					40
[illegible]/35																					21
3/33																					9
[illegible]/31																					2
[illegible]/29																					1
TOTAL	1.0	7.1	16.5	20.7	25.2	19.1	7.5	3.7	.2									492	492	492	492

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2008523	30697	62.4	13.762	492							
Dry Bulb	1627148	28184	57.3	5.274	492			4.0	.5			90
Wet Bulb	1257538	24514	50.4	3.509	492							92
Dew Point	959137	21597	43.9	4.756	492		.5					98

USAFETAC FORM AW 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25736	FT RICHARDSON AK	77-82	JUN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL (HOURS L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47/73								.7	.1									8	5		
47/71							.2	.4	.1									26	20		
47/69						.6	.7	.8	.1									85	55		
67/67				.3	.2	1.1	1.1	.9	.2									100	100		
67/65				.2	.7	1.3	1.1	.4	.2									103	103		
47/63		.6		.4	1.3	3.2	1.5	.4	.1									196	196		
7/61		.0	.4	1.3	3.2	2.3	1.1	.1										270	290	4	
7/59			.4	3.5	3.5	2.8	1.1	.2										290	290	54	
7/57		.7	1.5	2.6	4.1	2.3	.2											308	308	127	
5/55		.4	2.3	4.8	3.4	.9	.1											352	352	201	12
47/53	.3	.9	4.6	4.3	1.5	.3												330	330	380	40
7/51	.1	2.3	4.2	2.9	.2	.1												289	289	419	117
7/49	.1	3.8	3.7	1.5	.2													263	263	635	276
7/47	.1	3.4	2.1	.8	.2													182	182	525	431
47/45	.1	1.7	.8	.1														76	76	293	558
47/43	.1	.5	.2	.1														23	23	141	448
7/41		.3	.1															12	12	40	393
5/39	.0	.1	.0															5	5	15	269
7/37																				7	171
7/35																				1	76
7/33																					34
7/31																					11
7/29																					4
47/C	.1	13.4	21.1	21.7	18.0	14.6	7.2	2.9	.7										2842		2842
																		2842		2842	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12586960	186828	65.7	14.596	2842							
Dry Bulb	9095739	159811	56.2	6.202	2842			46.9	2.0			720
Wet Bulb	7162121	142219	50.0	3.989	2842							720
Dew Point	5606336	125640	44.2	4.360	2842		3.5					720

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | EL RICHARDSON AA STATION NAME | [illegible]7-82 YEARS | [illegible] MONTH

A[illegible] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]				.[illegible]														1	1		
[illegible]			.7	.7														4	4		
[illegible]			1.	1.[illegible]		.7												7	7		
[illegible]		2.1	1.7	3.[illegible]														[illegible]	2	4	
[illegible]	.71	.7	6.2	.3	.[illegible]													2	22	15	7
[illegible]	1.12	8.3	3.3	1.4	.3													22	22	[illegible]	[illegible]
[illegible]	1.41	3.5	4.2	2.4														2[illegible]	[illegible]	72	81
[illegible]	.3	9.[illegible]	3.1	1.4														37	37	[illegible]	59
[illegible]	.3	3.6	1.4	1.[illegible]														24	24	43	[illegible]
[illegible]	.3	.7	.3	1.2														7	7	1[illegible]	[illegible]
[illegible]		.[illegible]																1	1	11	1
[illegible]																					1[illegible]
[illegible]																					1[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
TOTAL	[illegible]	54.7	27.[illegible]	13.5	.7	.3												289	[illegible]	289	289

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21327.3	24479	84.7	10.962	289							
Dry Bulb	8[illegible]9823	15269	52.3	3.262	289							93
Wet Bulb	7357.7	14[illegible]51	5[illegible].3	3.266	289							33
Dew Point	678132	13244	48.2	4.319	289							5[illegible]

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT MICHA OSON, AK	77-82	JUL

PAGE 1 — 0000-0900 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 75					.[illegible]		.2											2	2		
[illegible] / 67				.2	.4	.4	.2		.2									7	7		
[illegible] / 65				.2	.2	.2												[illegible]	5		
4 / 63			.4	.4	3.	1.4	.2											12	23		
[illegible] / 61			1.2	1.4	1.		.2											23	23	2	
[illegible] / 59		1.[illegible]	3.1	5.7	1.[illegible]	1.2												64	64	6	
[illegible] / 57		5.7	7.3	4.5	.2													53	94	71	4
5 / [illegible]	.4	8.2	9.2	2.[illegible]	.[illegible]	.6												112	112	91	37
[illegible] / 53	1.6	11.[illegible]	5.[illegible]	1.4	.2	.2												101	101	13[illegible]	69
[illegible] / 51	.6	6.4	2.[illegible]	1.[illegible]	.4													55	56	127	112
[illegible] / 49	.2	2.9	.3	.4														22	22	74	110
[illegible] / 47		.2																4	4	29	[illegible]
4 / 45																				5	47
4 / 43																				2	[illegible]
[illegible] / 1																					11
[illegible] / [illegible]																					[illegible]
3 / 37																					[illegible]
[illegible] / 35																					4
3 / 33																					2
TOTAL	2.7	36.5	22.4	18.[illegible]	5.4	3.0	.3		.2										13		51[illegible]
																		510		510	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3276724	40359	79.1	12.774	510							
Dry Bulb	1626852	26822	56.3	3.837	513			1.6				93
Wet Bulb	1412014	26[illegible]22	52.6	2.963	510							93
Dew Point	1256177	25229	49.5	3.997	510							93

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73c — STATION
FT MICHAELSON AK — STATION NAME
77-82 — YEARS
JUL — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 75								.4										6	7		
4/ 73						.4	.4	.2										5	5		
/ 71					.2	.2	.9	.2										9	9		
/ 69				.4	.4	1.0	.2	.2										14	14		
/ 67				.4	1.4	.6												13	13		
6/ 65				1.4	2.5	1.6	.3											32	32		
/ 63			.4	3.9	2.8	3.3	.2											52	52		
/ 61		.4	4.1	7.6	3.3	.6	.2											83	83	15	
/ 59		2.7	5.7	4.7	2.4	.6												2	2	32	7
/ 57		5.3	6.1	2.2	.2	.4												76	76	94	11
F / 55	.4	7.3	3.6	3.1	.6	.2												79	79	119	22
4/ 53		6.7	1.4	.8														45	45	132	111
/ 51	.2	2.2	.6															15	15	54	177
/ 49		.6																3	3	31	75
/ 47																				7	58
4/ 45																					42
/ 43																					17
2/ 41																					5
/ 39																					1
/ 37																					3
/ 35																					1
TOTAL	.2	25.1	22.2	25.5	13.3	9.4	2.9	1.2										510	510	510	510

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2655232	37538	73.6	13.469	510							
Dry Bulb	1630927	30461	59.7	4.747	510			7.8	1.3			93
Wet Bulb	1537597	27959	54.8	3.284	510							93
Dew Point	1324942	25924	50.3	3.758	510							93

USAFETAC FORM NO. 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-80	JUL

PAGE 1 — HOURS (L.S.T.) 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1/ 83										.2								1	1		
/ 81											.2							1	1		
/ 79									.2		.2							2	2		
7 / 77						.2		1.0										5	6		
7/ 75						.2	.2		.6									7	8		
4/ 73				.4			.8	1.6	.2									14	15		
/ 71					1.2	.4	1.0	.6										15	15		
/ 69					1.4	2.0	1.8											26	26		
7 / 67				1.6	3.6	2.2	1.4	.2										43	45	2	
6/ 65				3.7	3.8	1.4	1.2	.2										53	53	4	1
4/ 63			1.2	2.6	4.7	2.4	1.4											61	61	13	1
/ 61		.8	4.3	3.9	2.4	.8	.4											64	64	33	2
/ 59		4.9	5.3	2.4	1.2	.2	.2											77	77	77	5
/ 57		5.3	4.3	2.6	.4	.2												65	65	102	35
5 / 55	.2	6.5	1.5	.6	.2													47	47	109	60
4/ 53	.4	3.1	.4															20	20	91	112
2/ 51		1.2																5	5	44	135
/ 4																				12	65
/ 47																				1	42
4 / 45																					27
47 43																					14
2/ 41																					2
/ 39																					3
/ 37																					1
TOTAL	.2	21.6	19.1	17.7	18.7	9.8	8.4	3.5	1.0	.2	.4								11		509
																		509		509	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2021656	35548	69.8	15.307	509							
Dry Bulb	2013220	31940	62.5	5.742	511			21.7	6.0	.7		93
Wet Bulb	1628474	28743	56.5	3.285	509			.5				93
Dew Point	1373820	26361	51.8	3.966	509							93

USAFETAC FORM AR 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736 — STATION
FT RICHARDSON AK — STATION NAME
77-81 — YEARS
Jul — MONTH

PAGE 1 — 1500-1700 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 8										.2								1	1		
2/ 81									.2	.4								2	3		
/ 79						.2	.2	.2	.6	.2								7	7		
7 / 77						.2	.2	.4	.2									5	5		
/ 75					.2	.8	.2	.8										10	10		
4/ 73					.2	.4	1.2	1.4	.2									17	18		
/ 71					.8	1.0	1.0	.8										17	19		
2/ 69					1.0	1.6	2.4	.6										30	32	3	
8 / 67			.2	1.0	2.0	3.0	1.0	.2										40	40	3	
6/ 65		.2	.2	2.6	4.0	3.0	1.4	.4										55	59	11	
4/ 63			1.4	5.4	2.4	1.6	.6											57	57	17	5
2/ 61		2.0	4.6	2.4	1.0	2.0												53	60	35	4
/ 59		2.8	4.4	3.6	.8	1.2												64	64	69	9
/ 57		5.4	3.6	1.6	.4	.2												56	56	102	38
2 / 55		5.6	3.6	.8	.4													52	52	100	31
4/ 53		2.6	.8															17	17	75	29
/ 51	.2	.4																	3	49	64
2 / 49																				13	63
4 / 47																				1	49
6 / 45																					17
4/ 43																					23
2/ 41																					11
8 / 39																					7
/ 35																					1
TOTAL	.2	19.1	16.9	17.5	13.7	15.3	8.2	5.2	1.2	.8								498	500	496	498

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2457[illegible]03	34087	68.4	15.784	498							
Dry Bulb	2013418	31580	63.2	6.154	500			24.6	8.2	1.5		93
Wet Bulb	1612245	28277	56.3	3.657	498			1.1				93
Dew Point	1346828	25804	51.8	4.438	498							93

USAFETAC FORM JUN 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]736	FT RICHARDSON AK	[illegible]7-9[illegible]	JUL

PAGE 1 1600-2000 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/81								.2										1	1		
/79									.2									1	1		
[illegible]/77							.2	.2		.2								3	3		
[illegible]/75					.2			.4										3	3		
[illegible]/73					.2		.2	.4										4	4		
/71					1.1	.6	.3	.2										13	14		
/69				.4	.4	1.[illegible]	1.5	.2										24	24		
[illegible]/67				.5	.2	2.5	1.1	.6										28	29	3	
[illegible]/65				.6	2.1	.8	.6											20	20	3	
[illegible]/63			.9	4.4	3.4	2.7	1.[illegible]	.2										59	59	9	1
/61		.4	2.3	5.1	1.7	2.3	.2											57	57	18	4
/59		3.4	6.1	4.[illegible]	1.3	1.7												78	78	29	5
/57		7.8	3.8	1.9	.3	.4												70	70	92	11
[illegible]/55	.2	6.8	4.[illegible]	1.7	1.1	.6												68	68	121	66
[illegible]/53		4.6	2.7	.2	.2													37	37	96	85
[illegible]/51		.6	.8															7	8	56	101
[illegible]/49			.2															1	1	34	73
[illegible]/47																				11	42
[illegible]/45																				[illegible]	32
[illegible]/43																					23
[illegible]/41																					17
[illegible]/39																					7
[illegible]/37																					5
[illegible]/35																					2
TOTAL	.2	23.6	20.5	19.2	13.3	13.7	5.9	3.2	.2	.2								474	476	474	474

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2484747	33571	70.8	15.046	474							
Dry Bulb	1768519	28899	60.7	5.428	476			15.2	2.3	.2		93
Wet Bulb	1447236	26138	55.1	3.531	474			.6				93
Dew Point	1221042	23960	50.5	4.575	474							93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7 736	FT RICHARDSON AK	77-82	JUL

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ [illegible]										.1								2	2		
/ 81								.0	.0	.1	.0							5	5		
/ 79						.0	.0	.0	.0	.0	.0							10	10		
7 / 77						.1	.1	.3	.0	.0								14	14		
4/ 75					.0	.0	.1	.2	.1									22	23		
4/ 73				.1	.1	.1	.4	.6	.1									40	42		
/ 71					.0	.5	.6	.3										54	56		
0/ 69				.1	.7	1.1	1.2	.3										96	96	3	
/ 67			.0	.0	1.0	1.5	.6	.3	.0									133	133	9	
6/ 65		.0	.0	1.0	2.4	1.3	.7	.1										169	169	18	1
4/ 63			.6	3.0	2.7	2.0	.6	.0										222	253	47	7
/ 61		.6	3.0	3.7	1.8	1.0	.2											291	291	101	10
/ 59		2.7	4.7	3.8	1.3	.0	.0											372	372	213	24
/ 57		5.5	4.7	2.8	.6	.2												382	393	465	162
5 / 55	.0	7.3	4.7	1.7	.6	.3												410	410	556	335
4/ 53	.5	6.5	2.8	.6	.1	.0												292	292	581	507
/ 51	.3	3.4	1.0	.4	.1													147	149	430	592
/ 49	.1	1.0	.5	.2														63	63	227	445
7 / 47	.0	.7	.1	.1														28	28	92	329
4 / 45	.0	.1	.0	.1														7	7	29	203
4/ 43		.0																1	1	14	156
0/ 41																				3	65
7/ 39																				0	31
/ 37																					16
/ 35																					11
3 / 33																					5
TOTAL	1.22	6.3	22.4	19.0	12.2	9.3	4.7	2.3	.5	.2	.1							2790	2799	2790	2790

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15778115	205581	73.7	15.028	2790							
Dry Bulb	10062729	166971	59.7	6.046	2799			101.3	25.5	3.5		744
Wet Bulb	8374073	152469	54.6	3.875	2790			3.2				744
Dew Point	7200941	141227	50.6	4.325	2790							744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	AUG

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6 / 64				.3														1	1		
/ 59		1.6	.3		.7													8	3		
/ 57			1.[illegible]	.3	.3													5	5	5	3
5 / 55	.3	9.2	1.6	1.[illegible]														37	37	6	4
4 / 53		12.1	2.9	.7														48	46	43	16
2 / 51	2.0	10.1	1.6															42	42	47	49
/ 49	.3	11.8	2.6															45	45	49	46
/ 47	1.0	11.4	1.0	.3														42	42	49	41
4 / 45		5.9	1.0															21	21	29	42
4 / 43	.7	6.5	1.6	.3														29	28	24	30
/ 41	1.3	3.6	.3															16	16	30	27
4 / 39	2.0	1.3																10	10	16	28
/ 37	.7	.3																3	3	6	14
/ 35																					5
3 / 33																					1
/ 31																					1
TOTAL	5.2	73.9	14.1	2.9	1.[illegible]													306	306	306	306

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2485500	27026	88.3	7.821	306							
Dry Bulb	759797	15173	49.6	4.940	306							93
Wet Bulb	707269	14643	47.9	4.637	306							93
Dew Point	662181	14155	46.3	4.925	306		.3					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736 — STATION
FT RICHARDSON AK — STATION NAME
57-62 — YEARS
AUG — MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 / 67			.2															1	1		
6 / 65			.2	.4														3	3		
4 / 63			.4	.6														5	5	1	
7 / 61			.9	1.7	.2													15	13	2	1
7 / 59		1.1	3.2	.6	.2	.2												28	28	3	1
7 / 57	.2	3.8	5.9	2.5	.2													66	66	20	10
5 / 55	.21	.0	6.3	2.5	.2													101	101	57	18
4 / 53	.8	8.9	7.6	1.5														99	99	106	62
7 / 51	1.1	7.6	4.7	.4														69	69	97	103
7 / 49	.2	7.3	4.3	.4														51	61	89	75
7 / 47	1.1	6.8	.9	.2														48	48	84	93
4 / 45	.2	1.9	.2															12	12	39	61
4 / 43		1.1	.4															8	8	14	57
2 / 41	.2	.8	.2															6	6	8	23
1 / 39	.4	.2																3	3	8	6
1 / 37																					5
1 / 35																					4
1 / 33																					1
TOTAL	4.44	9.23	4.31	9.6	1.3	.2												528	528	528	528

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3.54598	44316	83.9	9.248	528							
Dry Bulb	1511926	28156	53.3	4.461	528			.2				93
Wet Bulb	1366519	26761	50.7	3.931	528							93
Dew Point	1251296	25602	48.5	4.332	528							93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 2 1

[illegible]RAL CLIMATOLOGY BRANCH
[illegible]AFETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]736 — STATION
FT RICHARDSON AK — STATION NAME
77-8[illegible] — YEARS
AUG — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 72				.2														1	1		
/ 71				.2	.2													2	2		
/ 69				.2	.4	.2												7	7		
/ 67			.2	1.5	.2	.4												15	15	2	
6/ 65				1.3	2.7	.4												22	23		1
4/ 63			.8	4.2	3.4	2.1	.2											56	56	6	1
/ 61		.8	3.4	5.3	2.7	.2												65	65	13	5
/ 59		.6	7.4	6.3	2.5	.6												91	91	29	3
/ 57		5.5	7.2	4.7	.4													94	94	65	16
5/ 55		5.7	3.6	3.0	.4													67	68	124	43
4/ 53		2.1	4.[illegible]	2.1		.2												44	44	113	99
/ 51	.6	5.7	1.3	.4														42	42	84	102
/ 49	.2	1.3	.8															13	13	63	79
/ 47	.2	.6	.2															5	5	22	9[illegible]
4/ 45		.4																2	2	4	5[illegible]
4/ 43																				2	17
3/ 41																					1[illegible]
/ 39																					1
3/ 37																					1
TOTAL	.9	22.6	29.0	30.0	13.3	4.0	.2												528		527
																		527		527	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3064298	39764	75.5	11.[illegible]27	527							
Dry Bulb	1[illegible]14193	30[illegible]53	58.4	4.638	528			4.4	.2			93
Wet Bulb	1544906	28470	54.[illegible]	3.590	527			.4				93
Dew Point	1349952	26590	50.5	3.990	527							93

2

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

136 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
AUG — MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 78						.4												2	2		
7 / 77						.2												1	1		
/ 75					.2	.4	.2											4	4		
6 / 73					.6	.2												8	8		
/ 71					.2	.9	.4	.6	.2									15	15	1	
/ 69					2.7	1.5	1.3											20	20	1	
/ 67		.2	.2	3.6	2.5	2.2	.3											60	60	4	
6 / 65		.2		2.3	5.5	2.8	.2											58	58	5	2
4 / 63		.6	1.1	3.4	2.6	2.3	.2											55	55	18	3
/ 61		.4	2.3	3.1	2.1	.3												48	48	40	6
/ 59		1.3	7.4	3.2	.6	.6												73	73	55	11
/ 57		4.0	4.7	4.2	1.1	.2												75	75	109	43
5 / 55		2.3	2.8	3.4														45	45	110	60
6 / 53		4.7	1.3	.2														33	33	70	101
/ 51		1.7	.2															10	10	79	89
/ 49		.8	.2															5	5	24	54
/ 47		1.1																6	6	8	72
/ 45																				4	37
/ 43																					14
/ 41																					6
/ 37																					1
TOTAL		17.2	22.8	23.9	19.3	14.8	3.2	.6	.2									528	522		528
																		528		528	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2723524	3733.0	70.7	12.675	528							
Dry Bulb	2021933	32533	61.6	5.753	528			21.1	2.5	.2		93
Wet Bulb	1163247	29559	56.0	4.004	528			2.1				93
Dew Point	1414547	27239	51.6	4.204	528							93

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

[illegible]-AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
AUG — MONTH

PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 81						.2	.4											3	3		
/ 79						.5												5	3		
/ 77						.5	.0	.4										7	7		
4/ 75						.5	.4		.5									9	9		
/ 71					1.0	1.3	2.3	.2										28	28	1	
/ 69				.5	2.1	2.9	2.5	.3										45	45	5	
/ 67		.2	.4	2.1	3.0	4.6	1.2	.4										61	61		
6/ 65				2.7	2.7	2.5	.5	.2										46	46	5	2
5/ 63			1.2	3.5	1.0	1.7												43	43	22	5
/ 61		.4	3.5	3.5	2.0	1.2												57	57	35	4
/ 59		1.9	6.9	3.7	1.2	.6												74	74	74	11
/ 57		3.7	3.7	2.1	.5													53	53	118	38
/ 55		1.9	3.7	2.7	.4													45	45	102	59
4/ 53		2.1	2.7		.2													26	26	66	97
3/ 51		1.7	.8															13	13	56	89
/ 49		1.0	.4															7	7	26	88
/ 47																				9	67
/ 45																				1	35
4/ 43																					17
/ 41																					7
/ 39																					1
TOTAL		12.9	23.1	23.8	15.6	16.9	7.9	2.3	.6									520	520	520	520

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2533409	35587	68.4	13.565	520							
Dry Bulb	2055824	32547	62.6	6.141	520			27.9	3.0	.5		93
Wet Bulb	1660379	29310	56.4	3.999	520			1.1				93
Dew Point	1387401	26769	51.5	4.248	520							93

USAFETAC FORM AM 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL AL CLIMATOLOGY BRA CH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

.736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
AUG — MONTH

PAGE 1 — 1800-2200 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 79							•											1	1		
/ 72						•4												2	2		
4/ 73						•	•2	•2										3	3		
/ 71					•	•2	•2	•2										7	7		
/ 69					•	•4	•6											9	9	1	
6 / 67			•2	•4	1•	1•	•4											19	19		
6/ 65			•2	2•6	2•2	2•2	•6											39	39	2	
4/ 63			1•	2•2	3•2	1•6	•2											45	45	7	1
2/ 61		•2	4•6	2•	3•6	1•2												58	58	13	1
/ 59		2•4	7•1	4•	2•2	•4												61	61	40	4
/ 57		4•4	6•3	2•6	1•													72	72	74	27
5 / 55		4•2	6•2	1•2	1•2													63	63	117	49
4/ 53	•2	5•2	3•4	•2	•4													47	47	92	67
/ 51		4•6	2•4	•2														36	36	75	82
5 / 49		3•6	•4	•2														18	18	48	37
/ 47		•4	•2															6	6	29	65
4 / 45		•2																1	1	4	45
4/ 43																				2	24
/ 41																					8
/ 39																					3
/ 37																					1
TAL	•22	4•43	1•71	6•11	7•1	7•7	2•4	•4											64		54
																		504		504	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2666125	37469	74.3	12.655	504							
Dry Bulb	1770227	29747	59.0	5.370	504			7.6	1.1	.2		93
Wet Bulb	1493843	27373	54.3	3.777	504			.2				93
Dew Point	1292598	25442	50.5	4.058	504							93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
AUG — MONTH

PAGE 1
ALL — HOURS (L. S. T.)

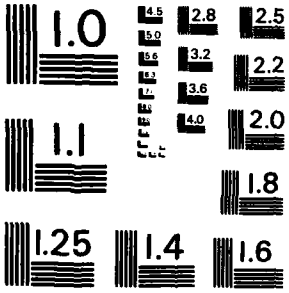
Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 81						.[illegible]	.1											3	3		
/ 79						.2	.2											6	6		
7 / 77						.0												1	1		
6/ 75					.[illegible]	.2	.1	.1										13	13		
4/ 73				.[illegible]	.1	.3	.1	.0	.1									21	21		
/ 71				.2	.[illegible]	.4	.5	.3	.2									52	52	2	
/ 69				.2	1.1	.9	.8	.1										91	91	7	
6 / 67		.1	.2	1.4	1.5	1.8	.4	.1										156	156	6	
6/ 65		.0	.1	1.6	2.3	1.4	.3	.0										149	149	12	5
5/ 63		.1	.5	2.6	2.[illegible]	1.4	.1											204	204	54	10
7/ 61		.3	2.7	2.8	2.1	.6												247	247	103	19
1/ 59		1.5	5.2	3.3	1.2	.4												305	305	201	38
/ 57	.	3.8	5.1	2.9	.7	.0												365	365	391	134
5 / 55	.1	5.3	4.2	2.4	.4													356	359	516	233
4/ 53	.2	5.4	3.7	.8	.1	.0												297	297	490	461
2/ 51	.5	4.9	1.7	.2														212	212	436	519
/ 4	.1	3.6	1.3	.1														149	149	299	460
/ 47	.3	2.8	.3	.1														104	104	201	446
/ 45	.0	1.1	.1															38	36	90	279
4/ 43	.1	.9	.2	.0														36	36	42	152
/ 41	.2	.5	.1															22	22	38	60
/ 39	.3	.2																13	13	26	41
/ 37	.1	.0																3	3	6	22
/ 35																					9
3 / 33																					3
2/ 31																					1
TOTAL	1.9	30.4	26.3	18.5	12.0	7.8	2.1	.6	.1									2913	2914		2913
																		2913		2913	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17357953	221485	76.0	17.334	2913							
Dry Bulb	9933951	169002	58.0	6.742	2914			87.6	11.2	1.3		744
Wet Bulb	5436054	156136	53.6	4.8[illegible]4	2913			3.8				744
Dew Point	7358005	145727	50.1	4.549	2913		.3					744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A134 207 FT RICHARDSON ALASKA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY'(LISOC..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 15 AUG 83 4/4

UNCLASSIFIED USAFETAC/DS-83/029 SBI-AD-E850 425 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
70736	FT RICHARDSON AK	77-82	SEP

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60 / 59						.4												1	1		
58 / 57			.4		1.1	1.1												9	9		
56 / 55			.4	.4	.7													4	4		
54 / 53		1.1	2.5															10	10	4	3
52 / 51		2.5	2.1	1.8														18	18	6	5
50 / 49	.4	4.6	1.8	1.1														22	22	27	8
48 / 47		6.5	2.5	.4														25	25	26	16
46 / 45	.4	11.7	.7	.4														37	37	28	31
44 / 43	1.1	11.4	1.1															38	38	51	31
42 / 41	1.4	7.1	.4	.4														26	26	32	41
40 / 39	1.4	3.9	1.1															18	18	22	47
38 / 37	2.3	3.9																19	19	22	19
36 / 35		2.5	1.1															10	10	11	17
34 / 33	.4	6.0																16	18	13	11
32 / 31	.7	5.0	.4															17	17	20	24
30 / 29	1.1																	3	3	13	14
28 / 27		1.1																3	4		7
26 / 25		.7																2	2	5	4
24 / 21	.4																	1	1	1	5
22 / 19																					2
TOTAL	10.0	67.6	14.2	4.3	2.5	1.4												281	282	281	261

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2110670	24178	86.0	10.408	281							
Dry Bulb	538494	12152	43.1	7.267	282		8.6					96
Wet Bulb	489451	11589	41.2	6.416	281		12.5					96
Dew Point	441324	10982	39.1	6.623	281		17.9					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]736	FT RICHARDSON AK	77-82	SEP

PAGE 1 — HOURS (L.S.T.): 0600-0800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 63				.2														1	1		
/ 59				.4		.6												5	5	1	
/ 57			.4	.6	1.4	.2	.2											14	14		
5 / 55		.2	1.0	.2	1.2													12	12		1
4/ 53		1.2	2.2	.8	.2													22	22	5	[illegible]
2/ 51	.4	1.6	2.7	1.2	.2													30	30	20	[illegible]
/ 49	.2	5.7	3.1	2.5														56	56	33	17
/ 47	.4	9.4	1.4	.6														56	58	67	26
4 / 45	.2	9.8	2.9	.5														66	66	67	64
4/ 43	1.4	7.2	2.2	.8														57	57	75	6[illegible]
2/ 41	1.4	5.3	2.0															43	43	50	59
/ 39	1.6	3.1	.8															27	27	53	67
/ 37	.4	3.3	.8															22	22	18	44
/ 35	.8	2.7	.6															20	20	27	35
3 / 33	.4	2.9	.2															17	17	18	24
2/ 31	1.0	4.3	.2															27	27	27	29
/ 29	.4	.6	.2															6	6	14	22
/ 27		.6																3	3	4	1[illegible]
/ 25		.2																1	1	5	1[illegible]
/ 23		.2																1	1	1	1
2/ 21		.2																1	1	1	3
/ 1																					4
1 / 17																					1
TOTAL	6.8	58.5	20.9	8.0	2.9	.8	.2												489		469
																		489		489	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	34775 7	40889	83.6	10.946	489
Dry Bulb	587674	21702	44.4	7.090	489
Wet Bulb	386911	20597	42.1	6.297	489
Dew Point	785379	19329	39.5	6.614	489

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		7.2					90
Wet Bulb		9.6					90
Dew Point		14.7					90

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
70736	FT RICHARDSON AK	77-82	SEP

PAGE 1 HOURS (L. S. T.) 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/67			.2															1	1		
67/65			.4															2	2		
66/63						.2												1	1	1	
65/61				.3	.4	1.2												12	12	2	1
64/59			.4	.3	2.3	1.4												24	24		2
63/57		.2	1.2	2.5	1.6	.2												28	28		
62/55		1.4	2.3	3.4	2.1													47	47	9	
61/53		2.3	3.4	5.3	.6	.2												72	72	25	7
60/51	.2	3.3	5.6	1.8														58	58	65	12
59/49	.2	4.9	5.1	2.3														60	60	94	39
58/47		7.0	5.3	1.2														66	67	84	48
57/45		3.5	4.7	.6														43	43	72	65
56/43		2.3	3.3	.6	.2													31	31	44	62
55/41	.8	1.2	1.0	.6	.2													19	19	40	82
54/39	.2	.8	1.4															12	12	21	44
53/37		.4	.6	.2														6	6	16	26
52/35			.4															2	2	9	24
51/33		.6	.2															4	4	6	9
50/31																				4	17
49/29																					5
48/27																					5
47/25																					4
46/23																					1
45/21																					1
TOTAL	1.4	27.9	39.5	23.5	7.4	3.3												488	489	488	488

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2,675271	36991	75.8	11.428	488							
Dry Bulb	1257572	24636	50.4	5.801	489			.2				90
Wet Bulb	1072296	22748	46.6	4.938	488		.7					90
Dew Point	906719	20863	42.8	5.510	488		5.3					90

USAFETAC FORM JUN 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 736	FT RICHARDSON AK	77-82	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — HOURS (L. S. T.) 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6 / 67				.6		.2												4	4		
6/ 65					.2	1.0			.4									11	11		
4/ 63				.6	1.4	1.8	.4											21	21	1	
/ 61				1.2	2.7	1.2												25	25	2	
/ 59			1.4	3.3	1.8	1.6												40	40	2	1
/ 57		.8	2.9	4.9	7.1	.2												58	58	6	2
5 / 55		.4	3.1	4.3	1.6	.4												49	49	37	3
4/ 53		1.6	5.3	5.3	1.2													66	66	51	10
/ 51		4.1	5.1	4.1	1.2													71	71	73	25
/ 4	.4	4.5	4.7	2.9	.2													62	62	105	59
4 / 47	.8	3.1	2.3	.6	.4													35	35	79	77
4 / 45		.8	2.3	.8	.4													21	21	63	81
4/ 43		1.0	.6	.4	.4													12	12	25	67
/ 41	.6		.6	.4	.2													9	9	17	60
4 / 39	.2	.4																3	3	13	50
/ 37																				8	16
/ 35		.2																1	1	4	13
3 / 33																					7
/ 31																					1
/ 2																					3
/ 25																					4
TAL	2.0	17.0	28.3	29.5	15.8	6.6	.4		.4										488		488
																		488		488	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2577678	34923	71.6	12.728	488							
Dry Bulb	1423611	26213	53.7	5.655	488			.7				90
Wet Bulb	1173139	23877	48.9	4.504	488							90
Dew Point	971485	21623	44.3	5.242	488		3.1					90

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 .736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
SEP — MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7/ 67				.2	.3		.4											7	7		
6/ 65				.4	2.3	.6												16	16		
4/ 63			.2	.4	1.7	1.2	.6											20	20	1	
4/ 61				1.2	1.2	1.0	.2											18	18		
7/ 59			.8	3.1	1.7	1.2												33	33	12	1
/ 57		.6	3.7	5.4	3.3	.8												67	67	11	1
5/ 55	.2	.2	3.3	6.2	2.3	.6												62	62	33	7
4/ 53		3.3	3.1	4.6	1.7													61	61	52	12
2/ 51	.2	4.0	6.2	3.1	.4	.2												71	71	74	31
1/ 49	.2	2.7	5.2	.8	.2													49	49	96	62
/ 47	.6	2.5	3.3	1.5	.6													41	41	90	65
0/ 45		1.0	1.0	1.0														15	15	60	66
4/ 43		1.0		.8	.8													13	13	20	76
2/ 41	.4	1.0		.6														10	10	22	77
/ 39	.2	.2																2	2	7	34
2/ 37																				6	19
/ 35																				6	9
2/ 33																					4
2/ 31																					8
/ 29																					1
/ 27																					2
/ 25																					1
/ 23																					2
T/L	1.9	16.7	27.7	29.6	17.1	5.8	1.2												960		480
																		480		480	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2500608	34139	71.1	12.367	480							
Dry Bulb	1417825	25941	54.0	5.757	480			1.3				90
Wet Bulb	1172144	23614	49.2	4.645	480							90
Dew Point	963997	21357	44.5	5.357	480		3.0					90

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 .736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
SEP — MONTH

PAGE 1
1800-2300 — HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67/65				.2		.2												2	2		
67/63				.2		.4												3	3		
67/61			.2	.6	.6	.2												8	8		
67/59			.6	.2	.6		.2											8	8	1	
67/57			1.3	2.6	2.2													28	28	2	
5-67/55		.9	2.4	2.2	1.9	.2												35	35	10	2
67/53	.2	2.8	4.8	3.9	1.1													59	59	21	5
67/51		6.9	6.1	2.6	.2													73	73	43	13
5-67/49		9.1	3.5	.9														62	62	95	39
67/47		6.3	4.3	1.5														56	56	96	62
67/45		8.3	1.9	.4														48	48	61	74
67/43		3.8	2.2															24	24	55	67
67/41		3.5	1.7		.2													25	25	34	69
67/39		1.7	.4															10	10	26	50
67/37		1.3	1.3	.2														13	13	13	37
67/35																				8	24
3-67/33		.2	.6															4	4	5	8
67/31			.9															4	4	3	5
67/29																				1	2
67/27																				4	1
67/25																					5
67/23																					1
27/21																					3
67/19																					1
67/17																					1
TOTAL	.2	43.7	32.3	15.6	6.9	1.1	.2											462	462	462	462
																		462		462	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2897793	36245	73.5	10.852	462							
Dry Bulb	1149037	22981	49.5	5.960	462		.8					90
Wet Bulb	1000984	21376	46.3	5.070	462		1.6					90
Dew Point	863405	19803	42.9	5.623	462		3.7					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]736	FT RICHARDSON AK	77-82	SEP

PAGE 1

HOURS (L. S. T.) ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 67			.0	.1	.1	.0	.1											17	12		
6/ 65			.1	.1	.[illegible]	.3			.1									31	31		
4/ 63			.0	.3	.[illegible]	.7	.2											46	46	3	
[illegible]/ 61			.1	.7	.9	.7	.[illegible]											63	63	4	1
/ 59			.6	1.4	1.2	.9	.[illegible]											111	111	16	4
/ 57		.3	1.7	2.9	2.3	.4	.[illegible]											204	204	21	3
5 / 55	.0	.6	2.2	3.1	1.[illegible]	.2												209	209	89	13
4/ 53	.0	2.1	4.2	3.6	.[illegible]	.[illegible]												290	290	161	39
27/ 51	.1	3.6	5.1	2.5	.4	.0												321	321	281	92
[illegible]/ 4[illegible]	.2	5.3	4.1	1.7	.1													306	306	436	222
4 / 47	.3	5.7	3.2	1.0	.2													2[illegible]1	282	432	296
4 / 45	.1	5.4	2.4	.7	.1													270	230	351	401
47/ 43	.4	3.6	1.6	.5	.3													175	175	270	383
[illegible]/ 41	.7	2.7	1.[illegible]	.3	.1													132	132	195	386
[illegible] / 2[illegible]	.6	1.5	.6															72	72	136	292
[illegible] / 37	.4	1.3	.5	.1														60	60	83	154
[illegible] / 35	.1	.8	.3															33	33	65	122
3 / 33	.1	1.3	.2															43	43	42	63
27/ 31	.3	1.3	.2															46	46	54	93
/ [illegible]	.2	.1	.0															9	9	28	45
[illegible] / 27		.2																6	7	8	23
[illegible] / 25		.1																3	3	10	30
2[illegible] / 23		.0																1	1	1	5
2/ 21	.0	.0																2	2	2	12
/ 1[illegible]																					7
[illegible] / 17																					2
TOTAL	3.0	36.3	28.1	18.9	9.2	3.3	.4		.1										2690		2688
																		2688		2688	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10431777	2[illegible]7357	77.1	12.737	2688							
Dry Bulb	6774233	133525	49.6	7.378	2690		18.7	3.2				720
Wet Bulb	5799725	123801	46.1	6.034	2688		27.6					720
Dew Point	4932309	113955	42.4	6.140	2688		58.1					720

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7 [illegible]736	FT RICHARDSON AK	77-82	OCT

PAGE 1 — HOURS (L. S. T.): 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 53			.4															1	1		
2/ 51			.7		.4													3	3		
[illegible] / 4[illegible]		.4		.4	.7													4	4	1	
[illegible] / 47		1.1	1.1	.4														7	7	3	1
[illegible] / 45	.4	1.8	1.1	1.1														12	12	5	1
4/ 43	.4	3.6	1.4	.4														16	16	14	3
[illegible] / 41	1.4	3.2	1.4	.4	.4													19	19	19	12
[illegible] / 3[illegible]	1.1	2.5	1.4															14	14	18	14
[illegible] / 37	1.1	6.[illegible]																20	20	19	17
/ 35	1.8	3.9	.4															17	17	24	23
3 / 33	2.8	5.[illegible]	.7															24	24	2[illegible]	24
2/ 31	4.3	12.1	1.1															49	49	3[illegible]	35
[illegible] / 2[illegible]	4.6	4.6																26	26	42	33
[illegible] / 27	.4	4.6																14	14	21	17
/ 25	1.8	1.4	.4															10	10	14	20
[illegible] / 23	.7	2.5	.4															10	10	9	14
[illegible] / 21		.4																1	1	6	10
[illegible] / 19	.7	1.8																7	7	5	7
1 / 17		.4																1	1	2	8
1 / 15		2.8																8	8	4	6
1 / 13	.4																	1	1	6	2
1 / 11	1.4	.7																6	6	4	4
1 / [illegible]		.4																1	1	2	6
/ 7		.4																1	1	1	4
/ [illegible]		.4																1	1	2	1
/ 3		.4																1	1	1	1
/ 1																					2
/ -1	1.1																	3	3	3	2
- / -3																					1
- / -5	.7																	2	2	2	1
- / -7	.4																	1	1	1	
- / -9	.4																	1	1	1	3
- / -11																					1
-1 / -13																					1

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

EL PAL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible].736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
OCT — MONTH

PAGE 2 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-21																					1
/-25																					1
1/L	2[illegible].66	[illegible].11	[illegible].3	2.5	1.4													281			281
																		281		281	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2032762	23686	84.31	11.406	281							
Dry Bulb	320457	9009	32.11	10.632	281	2.3	47.7					93
Wet Bulb	292894	8620	30.71	10.083	281	2.3	52.3					93
Dew Point	252811	7781	27.71	11.550	281	3.6	59.9					93

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7 2736	FT RICHARDSON AK	77-82	OCT

PAGE 1 — HOURS (L. S. T.) 0600-0800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 53			.2															1	1		
2/ 51			.4	.2	.2													4	4		
5 / 49		.2		.8	.2													6	6	2	
6 / 47		.8	.8	.2														9	9	2	
4 / 45		.8	1.2	.2														11	11	6	1
4/ 43	.8	2.8	1.8	.8														31	31	22	11
2/ 41	.4	2.6	2.4	.4														29	29	22	11
4 / 39	2.2	4.4	1.6															41	41	45	31
2 / 37	1.4	4.0	.4															29	29	40	32
2/ 35	2.4	4.8	.2															37	37	39	48
3/ 33	3.4	4.8	.2															42	42	44	37
2/ 31	4.6	12.9	.4															90	90	54	75
/ 29	4.6	7.3	.4															62	62	75	49
/ 27	2.2	2.8																25	25	55	46
/ 25	.3	2.8	.2															19	19	19	44
2/ 23	.6	.8	.2															8	8	17	16
2/ 21	.2	1.4																6	8	10	21
/ 19	1.0	.3																9	9	8	21
/ 17	.2	.6																4	4	2	12
1 / 15		1.6																8	8	4	5
1 / 13		.8																4	4	7	
1 / 11	1.6	.4																10	10	12	3
/ 9		.6																3	3	3	7
/ 7		.4																2	2	2	9
/ 5																				2	2
/ 3																					5
/ 1																					4
/ -1	.2																	1	1	1	2
- / -3	.3	.2																5	5	4	
-4/ -5	.8	.2																5	5	5	
- / -7	.2																	1	1	2	1
- / -9																					2
- /-11																					6
-1 /-17																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

OL-A AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736	FT RICHARDSON AK	77-82	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0630-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-19																					
TOTAL	2	.2	58	.5	12	.3	2	.6		.4								504	504	504	504

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3722148	43002	85.3	10.280	504							
Dry Bulb	567130	16149	32.0	9.950	504	2.2	48.7					93
Wet Bulb	5213 4	15496	30.7	9.453	504	2.2	52.0					93
Dew Point	451096	14114	28.0	10.537	504	2.6	61.4					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL AL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7 .736	FT RICHARDSON AK	77-82	OCT

PAGE 1 — HOURS (L. S. T.) 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47/53				.2			.2											2	2		
47/51			.2	.6	.4	.2												7	7		
7/49			1.8	1.2														14	14		
7/47		1.2	2.2	.6	.2													20	20	7	
47/45		2.8	2.8	.4														30	30	18	
47/43	.2	4.2	2.6	1.6														43	43	39	19
47/41	.6	3.6	2.2															31	31	36	31
47/39	.4	4.2	2.4	.6	.4													40	40	49	34
47/37	2.2	5.4	2.2	.2														49	49	40	39
7/35	1.2	3.6	2.6															36	36	50	49
47/33	1.4	8.9	2.2															63	63	38	39
47/31	3.8	8.9	.6															67	67	34	65
7/29	5.2	3.6																39	39	65	48
7/27	.4	1.6	.2															11	11	21	53
7/25	.6	1.2	.6															11	11	9	27
7/23		.6																3	3	7	14
27/21	.4	.6	.2															6	6	6	9
7/19	.4	1.2	.2															5	9	9	11
7/17		.8																4	4	6	3
7/15		.6																3	3	3	6
7/13	.2	.6																4	4	3	4
7/11		.6																3	3	3	5
7/9		.2																1	1	3	5
7/7		.6																3	3	2	4
7/5		.2																1	1	3	
7/3		.4																2	2	2	4
7/1	.2																	1	1	1	4
7/-1	.2																	1	1	1	
7/-5																					4
7/-7																					1
7/-9																					1
TOTAL	17.1	54.0	22.4	5.2	1.0	.2	.2											504	504	504	504

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3.06156	41634	82.6	11.932	504							
Dry Bulb	673603	17885	35.5	8.798	504	.2	31.2					93
Wet Bulb	603044	16948	33.6	8.116	504	.2	41.9					93
Dew Point	509012	15364	30.5	6.990	504	1.1	54.1					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-265 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AB	77-82	OCT

PAGE 1 HOURS (L.S.T.) 00Z-14Z

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 55					.2	.2												2	2		
4/ 53			.2	.4		.4												1	5		
/ 51			1.2	.4	1.7													13	13		
/ 49		.8	4.2	2.2														35	35	1	
/ 47		1.8	4.0	1.2														34	34	17	2
4 / 45	.2	2.2	2.2	1.4	.2													31	31	30	5
4/ 43		4.3	2.8	1.4	.2													44	44	55	19
2/ 41	.2	4.9	3.8	.4	.4													45	49	37	43
/ 39		4.5	3.4	.4	.4													44	44	46	46
1 / 37	.4	3.4	3.4	.4														40	40	43	36
/ 35	1.	4.9	1.8															39	39	47	59
2 / 33	1.8	7.5	.4															49	49	61	43
/ 31	4.3	5.5	.4															67	67	71	64
/ 29	1.2	.2	.4															11	11	34	22
/ 27		.2	.2															4	4	6	36
/ 25	.4	1.2																7	7	6	13
/ 23		.4	.2															6	6	8	4
2/ 21	.2	1.2																10	10	14	7
/ 19	.2																	1	1	2	9
1 / 17		.2																1	1		1
1 / 15		1.8																9	9	4	6
/ 13		.4																2	2	6	1
1 / 11		.2																1	1	2	1
/ 9		.4																2	2	3	9
/ 7																					3
/ 5																					2
/ 3																					2
TOTAL	10.7	43.4	29.1	3.7	2.5	.6												506	506	506	506

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3322[illegible]1	42553	84.1	11.940	506							
Dry Bulb	772549	19319	38.2	8.319	506		22.2					93
Wet Bulb	676337	18119	35.8	7.383	506		28.7					93
Dew Point	55[illegible]348	16344	32.3	7.326	506		45.6					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OPERATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]736	FT RICHARDSON AK	77-82	OCT

PAGE 1 — HOURS (L.S.T.) 1500-1700

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5[illegible] / 55				.2	.4													2	2		
4[illegible] / 53					1.[illegible]	.2												6	6		
[illegible] / 51			.4	.4	.4													8	8		
[illegible] / 49		.8	2.0	1.6	.4													24	24	2	
[illegible] / 47		.4	3.2	1.6														26	26	12	1
4[illegible] / 45	.[illegible]	2.[illegible]	3.2	1.4														34	34	25	6
47 / 43	.2	2.[illegible]	1.8	1.4	.2													42	43	45	14
[illegible] / 41	.2	6.6	2.8	.6	.4													53	53	51	34
[illegible] / 39	.2	5.[illegible]	2.0															30	37	46	44
[illegible] / 37	.6	4.4	2.4	.6														40	40	42	52
[illegible] / 35	.4	5.[illegible]	1.8															36	36	44	52
3 / 33	2.[illegible]	8.0	.6															53	53	59	58
[illegible] / 31	5.[illegible]	8.8	.4															75	75	87	1[illegible]8
[illegible] / 29	1.4	.4	.2															10	10	44	44
[illegible] / 27		1.2	.4															8	5	4	2[illegible]
[illegible] / 25	.2	.6	.4															6	6	1	1[illegible]
[illegible] / 23	.2																	1	1	3	7
2[illegible] / 21	1.2	.6	.4															11	11	9	4
[illegible] / 19	.4	1.[illegible]	.2															5	5	9	1[illegible]
[illegible] / 17		.2																1	1	4	2
[illegible] / 15		1.2																6	6	3	5
[illegible] / 13		.6																3	3	3	6
1 / 11	.2	.8																5	5	4	6
[illegible] / 9		.4																2	2	5	[illegible]
[illegible] / 7																					4
[illegible] / 5																					5
[illegible] / 1																					4
TOTAL	17.[illegible]	3.2	22.3	7.8	3.2	.2													499		49[illegible]
																		498		498	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	330[illegible]327	40591	81.5	12.[illegible]22	498							
Dry Bulb	732543	18633	37.3	8.576	499		25.3					93
Wet Bulb	645367	17519	35.2	7.648	498		31.[illegible]					93
Dew Point	540132	15890	31.9	8.169	498		48.[illegible]					93

2

[illegible] AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]34 FT BACHARACH AK — 77-80 — OCT
STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]			.[illegible]															1	1		
[illegible]			.[illegible]															[illegible]	[illegible]		
[illegible]		[illegible]		.[illegible]	.[illegible]													12	12	1	
[illegible]		.[illegible]	.[illegible]	.[illegible]	.[illegible]													17	17	[illegible]	1
[illegible]		1.[illegible]	1.[illegible]	1.1														16	13	6	9
[illegible]	.[illegible]	4.[illegible]	1.[illegible]	.4														[illegible]	32	24	4
[illegible]	.[illegible]	[illegible]	1.7	.4														32	32	35	24
[illegible]	1.1	7.[illegible]	1.[illegible]	.[illegible]														48	48	49	27
[illegible]	.3	4.2	1.[illegible]															31	31	43	36
[illegible]	.4	6.[illegible]	.[illegible]															36	36	29	47
[illegible]	[illegible]	7.8	[illegible].1															57	57	6[illegible]	[illegible]
[illegible]	[illegible].11	.[illegible]	1.[illegible]															[illegible]	99	72	1.1
[illegible]	[illegible]	[illegible].5	.4															27	27	58	45
[illegible]	.[illegible]	2.1																11	11	12	34
[illegible]	1.1	1.5	.6															15	15	17	27
[illegible]	.[illegible]	.2																2	2	8	9
[illegible]	.[illegible]	.[illegible]	.[illegible]															6	6	1	15
[illegible]		.8																4	4	6	12
[illegible]		.2	.4															[illegible]	[illegible]		1
[illegible]		1.1																5	5	4	12
[illegible]		1.5																7	7	4	1
[illegible]	.[illegible]	.6																6	9	11	4
[illegible]	.[illegible]	.6																4	4	7	[illegible]
[illegible]																				1	7
[illegible]																					1
[illegible]		.4																2	2	2	9
[illegible]	.[illegible]	.2																2	2	1	4
[illegible]	.[illegible]																	1	1	2	1
[illegible]	.[illegible]																	1	1	1	2
[illegible]																					2
[illegible]																					1
[illegible]																					1
TOTAL	1[illegible].75	9.71	5.8	3.6	1.3													476	476	476	476

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	342[illegible]793	400[illegible]1	84.2	10.645	476							
Dry Bulb	598128	16302	34.2	9.156	476	.4	36.9					93
Wet Bulb	541218	15532	32.6	8.597	476	.6	43.2					93
Dew Point	465238	14184	29.8	9.468	476	1.4	56.7					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

TECHNICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73c — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
OCT — MONTH

PAGE 1

ALL — HOURS (L. S. T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 55				.7	.1	.0												5	5		
4 / 53			.1	.1	.2	.1												16	16		
/ 51			.1	.3	.5	.0												38	38		
/ 49		.3	1.4	1.2	.3													95	95	7	
/ 47		.7	2.3	.9	.1													113	113	49	1
4 / 45	.1	1.8	2.1	.9														136	136	96	22
4 / 43	.3	4.6	2.1	1.0	.1													209	209	199	75
2 / 41	.5	4.2	2.4	.4	.2													213	213	290	155
/ 39	.8	4.8	3.1	.2	.1													223	224	255	196
/ 37	1.2	4.4	1.7	.2														209	209	236	212
/ 35	1.1	4.6	1.3															201	201	233	273
3 / 33	2.4	7.2	.9															228	228	282	224
/ 31	4.1	.2	.7															436	436	390	458
/ 29	3.2	2.9	.3															175	175	318	277
/ 27	.5	1.0	.2															73	73	126	122
/ 25	.7	1.4	.4															66	63	75	149
/ 23	.3	.6	.2															30	30	50	64
2 / 21	.6	.9	.1															45	45	55	67
/ 19	.4	.9	.1															38	38	38	73
/ 17	.2	.4	.1															14	14	14	36
/ 15		1.4																39	39	22	38
/ 13	.1	.7																21	21	29	14
1 / 11	.6	.6																33	33	36	23
/	.0	.4																13	13	24	11
/ 7		.2																6	6	6	31
/ 5		.1																2	2	7	6
/ 3		.2																5	5	5	17
/ 1	.1	.0																3	3	2	18
/ -1	.2																	6	6	7	5
- / -3	.2	.1																6	6	5	3
- / -5	.2	.3																7	7	7	7
- / -7	.1																	2	2	3	3
- / -9	.0																	1	1	1	7
- / -11																					7

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CL PAL CLIMATOLOGY BRANCH
USAFETAC
S PATH'S SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
733	FT RICHARDSON AK	77-82	OCT

PAGE 2 — HOURS (L. S. T.): ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1 /-15																					1
-1 /-17																					1
-1 /-19																					1
- /-21																					1
- /-23																					1
TAL	1	.055	.319	.2	5.3	1.7	.2	.7											2770		2769
																		2769		2769	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1[illegible]392477	229547	82.9	11.456	2769							
Dry Bulb	36644	97299	35.1	9.442	2770	5.6	274.8					744
Wet Bulb	3200944	92234	33.3	8.683	2769	6.2	325.1					744
Dew Point	2777187	83677	30.2	9.476	2769	10.2	430.4					744

USAFETAC FORM AR 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
73[illegible]	FT RICHARDSON AK	77-82	NOV

PAGE 1 — HOURS (L.S.T.): 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/47		.5		.5														3	3		
[illegible]/45			.5															1	1	1	1
47/43		1.4	.9															5	5	1	
[illegible]/41			.5	.5														2	2	0	2
[illegible]/3[illegible]	.5		.5	.5														3	3	3	2
[illegible]/37		.5																1	1		2
[illegible]/35		1.4																3	3	3	2
[illegible]/33		2.3	1.4															8	8	7	3
[illegible]/31	1.[illegible]	6.8																19	19	9	11
[illegible]/[illegible]	1.8	2.3	.5															10	10	19	9
[illegible]/27	1.4	3.6																11	11	13	13
[illegible]/25	1.4	5.9	.9															18	18	11	1[illegible]
[illegible]/23		3.6	.5															9	6	17	7
[illegible]/21	3.2	2.3																12	12	14	9
[illegible]/19	5.0	5.0																22	22	17	3[illegible]
[illegible]/17	1.8	5.4																16	16	14	3
1[illegible]/15	.5	2.3																6	6	11	13
[illegible]/13	2.7	1.8																10	10	9	[illegible]
1[illegible]/11	3.6	2.7																14	14	12	17
/[illegible]	2.3	1.4																6	8	12	11
[illegible]/[illegible]	1.8	.9																6	5	6	15
/[illegible]	3.2	.5																8	8	10	7
[illegible]/3	2.7	1.4																9	9	9	7
/1	3.6	.5																9	9	9	13
[illegible]/-1	1.4																	3	3	3	3
-[illegible]/-3	.9																	2	2	2	4
-[illegible]/-5	.5																	1	1	1	4
/-7	.5																	1	1	1	1
-[illegible]/-9	.5																	1	1	1	2
-/-11																					[illegible]
-1/-13																					1
-[illegible]/-15																					[illegible]
TOTAL	4[illegible].7	52.0	5.4	1.8														221	221	221	221

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1036714	1829[illegible]	[illegible]2.8	10.008	221							
Dry Bulb	113494	4422	20.[illegible]	11.680	221	3.3	79.4					9[illegible]
Wet Bulb	187794	4224	19.1	11.391	221	3.3	61.4					90
Dew Point	83973	3421	15.5	11.874	221	9.8	85.1					90

USAFETAC FORM 0-26-5 (OL A) 80 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 .736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) NOV (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47			.2	1.7														9	9		
/ 45			.6	.6														6	6		
4/ 43	.2	.2	.6	1.1														10	10	3	1
/ 41		.8	.6	.2														8	8	8	1
/ 3	.2	.6	.2															5	5	12	5
/ 37		.4	.2	.2														4	4	9	10
/ 35		1.3	.4															8	8	3	17
3 / 33	.2	3.8	.8															23	23	17	5
/ 31	2.1	5.1	.6															37	37	27	31
/ 29	3.3	1.7																22	22	37	25
/ 27	1.5	4.9	.4															32	32	30	21
/ 25	1.1	4.9		.4														30	30	29	31
/ 23	.6	1.7	.2	.2														13	13	23	14
2/ 21	3.4	2.8	.2															30	30	28	31
/ 1	5.7	5.3	.2															53	53	42	36
1 / 17	3.4	4.7																36	33	41	3
/ 15	1.5	1.7																15	15	27	33
/ 13	3.1	2.3																25	25	16	24
1 / 11	1.1	.6																12	12	20	35
/	1.9	1.9																18	18	14	17
/ 7	1.7	1.3																14	14	16	15
/ 5	1.7	.2																9	9	14	13
/ 3	2.5	.6																15	15	14	17
/ 1	2.3	1.7																19	19	16	25
/ -1	1.3																	6	6	8	13
-1 / -3	1.1																	5	5	5	11
/ -5	.4																	2	2	2	13
/ -7	.2																	1	1	1	4
/ -9	.4																	2	2	2	0
-1 /-11																					4
-1 /-13																					1
-1 /-15																					2
TOTAL	41.4	43.6	5.5	4.5														471	471	471	471

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	327368	36958	62.7	10.782	471							
Dry Bulb	279519	10045	21.3	11.786	471	3.1	76.1					90
Wet Bulb	252263	9574	20.3	11.775	471	3.4	79.1					92
Dew Point	198204	7870	16.7	11.913	471	9.2	83.9					50

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]736	FT RICHARDSON AK	77-82	NOV

PAGE 1 — HOURS (L. S. T.) 2900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 4[illegible]				.4														2	2		
/ 47		.2	.4	.2	.2													5	5		
[illegible] / 45			1.3	.6														9	9	[illegible]	
4 / 43		.4	.2	1.5	.2													11	11	6	1
[illegible] / 41		1.5	.2	.4														10	10	10	1
4 / 3[illegible]	.2	.4	1.1															8	8	13	10
[illegible] / 37		.8	.2	.2														6	6	15	6
/ 35		1.9	.5															13	13	9	5
3 / 33	.6	2.3	.2															15	15	16	11
[illegible] / 31	.6	5.9	.2															33	33	24	31
/ [illegible]	2.1	5.5	.2															37	37	32	24
[illegible] / 27	1.9	7.6	.2															46	46	43	25
/ 25	.3	5.5	.8	.4														36	36	48	32
[illegible] / 23	1.7	3.2		.2														24	24	32	22
[illegible] / 21	3.2	3.2	.2															31	31	33	49
/ 1[illegible]	4.4	5.3																46	46	58	36
[illegible] / 17	1.3	2.1	.4															18	18	24	3[illegible]
[illegible] / 15	2.1	2.3																21	21	20	28
[illegible] / 13	3.[illegible]	1.6																23	23	25	36
1 / 11	2.5	1.7																20	20	21	15
[illegible] / [illegible]	1.1	1.[illegible]																14	14	15	15
/ 7	.6	1.5																10	11	11	23
/ [illegible]	1.3	.4																5	8	14	9
/ 3	1.5	1.1																12	12	12	15
/ 1	1.5	.4																9	9	9	22
/ -1	.6																	3	3	3	7
- / -3	.4																	2	2	2	7
- / -5	.2																	1	1	1	4
- / -7																					3
- / -9																					5
-[illegible] / -15																					1
TOTAL	31.[illegible]	57.1	6.6	4.0	.4														474		473
																		473		473	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3193321	36523	81.4	10.978	473							
Dry Bulb	314896	11[illegible]76	23.4	10.[illegible]89	474	1.1	75.0					90
Wet Bulb	281533	10499	22.2	10.136	473	1.1	77.4					90
Dew Point	215306	8682	18.4	10.887	473	5.1	83.5					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
70736	FT RICHARDSON AK	77-82	NOV

PAGE 1 — HOURS (L. S. T.) 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50 / 49				.4	.2													3	3		
49 / 47			1.1	.4														6	8		
48 / 45			.6	.2														5	5	3	
47 / 43			.6	.2														5	5	7	
46 / 41		1.5	.4	.4														11	11	12	3
45 / 39	.2	.8	1.3															11	11		16
44 / 37		1.7	1.1															13	13	8	4
43 / 35		3.8	.4	.2														21	21	14	5
42 / 33	.4	5.5	.8															32	32	31	11
41 / 31	1.3	5.5	1.9															41	41	34	43
40 / 29	2.1	5.4	2.7															63	63	36	22
39 / 27	2.7	5.3	.6	.4														43	43	46	38
38 / 25	.4	3.4	.6	.2														22	22	41	47
37 / 23	.6	2.5																15	15	22	19
36 / 21	2.5	4.2	.2															33	33	39	34
35 / 19	5.3	4.6	1.1															52	52	42	34
34 / 17	1.7	4.2	.2	.2														29	29	28	39
33 / 15	2.5	3.2																27	27	32	37
32 / 13	1.9	3.2																24	24	16	34
31 / 11	.6	.8																7	7	19	24
30 / 9	.2	.6																4	4	7	19
29 / 7	.2																	1	1	2	14
28 / 5	.2																	1	1	1	13
27 / 3		.4																2	2	2	9
26 / 1		.2																1	1	1	6
25 / -1																					1
24 / -5																					2
23 / -7																					1
22 / -15																					1
TOTAL	27.6	50.7	14.3	2.7	.2													474	474	474	474

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3129872	38298	80.4	11.142	474							
Dry Bulb	360519	12527	26.4	8.898	474		69.3					90
Wet Bulb	327771	11831	25.0	8.285	474		74.2					90
Dew Point	248700	9944	21.0	9.246	474	.9	82.6					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
2[illegible]736	FT RICHARDSON AK	77-82	NOV

PAGE 1 — HOURS (L. S. T.) 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/4				.2	.2													2	2		
[illegible]/47		.4	.6	.2														6	6		
[illegible]/45			1.5	.2														8	8	2	
4/43				.3														3	3	5	1
2/41		1.1	.2															6	6	8	1
[illegible]/3		1.1	.9	.2														10	10	3	8
[illegible]/37	.2	1.5	1.5	.4														17	17	3	1[illegible]
[illegible]/35		3.2	.6															18	18	18	3
3/33	.2	2.5		.2														15	15	20	14
[illegible]/31	1.5	7.3	.4															43	43	27	33
[illegible]/[illegible]	3.4	5.6	1.5															40	49	47	25
[illegible]/27	1.7	7.3	.6															45	45	44	30
[illegible]/25	.5	5.4	.2															29	29	45	46
[illegible]/23	.4	2.1	.2															13	13	26	15
2/21	2.[illegible]	2.8	.4															28	28	29	25
[illegible]/19	6.[illegible]	3.6	.6															46	43	39	54
[illegible]/17	1.1	3.[illegible]	.2															24	24	24	34
[illegible]/15	2.4	1.5																18	18	27	31
1/13	1.1	1.9																14	14	1[illegible]	25
1/11	3.[illegible]	1.3																24	24	27	19
[illegible]/[illegible]	2.1	.4	.2															13	13	16	18
[illegible]/7	1.1	.9	.2															10	10	11	21
[illegible]/[illegible]	.6	.2																4	4	6	13
[illegible]/3	2.4	.4																13	13	13	13
[illegible]/1	.4	.6																5	5	4	14
[illegible]/-1	.4																	2	2	3	6
[illegible]/-3																					4
[illegible]/-7																					3
[illegible]/-9																					1
[illegible]/-15																					2
TOTAL	32.3	55.2	10.1	2.1	.2													467	467	467	467

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3173365	38101	81.7	10.89	467							
Dry Bulb	325218	11354	24.3	10.272	467	.4	73.6					90
Wet Bulb	291882	10780	23.1	9.611	467	.6	76.7					90
Dew Point	224453	9023	19.3	10.371	467	3.5	82.9					90

USAFETAC FORM 0-26-5 (OL A) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7 .736	FT RICHARDSON AK	77-82	NOV

PAGE 1 — HOURS (L. S. T.): 1800-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 1				.9														4	4		
/ 47			.4	.7														5	5		
4 / 45			.4		.2													3	3	4	
4/ 43		.2	.7	.4														6	6	5	
/ 41		.4	.2															3	3	6	1
4 / 3			1.6	.4														9	9	3	[illegible]
3 / 37		2.0	.4															11	11	8	7
/ 35		2.7	.2															13	13	14	4
3 / 33	.7	4.0	.2															22	22	15	3
3/ 31	.4	4.2	1.6	.2														29	29	26	29
/ 29	2.7	4.0																30	30	25	26
/ 27	1.6	4.2	.2															26	29	4[illegible]	19
/ 25	2.9	7.8	.9															52	52	44	33
2/ 23	.2	3.1																18	18	33	17
2/ 21	2.[illegible]	2.7																21	21	26	30
/ 19	6.6	2.9	.2															41	41	33	51
/ 17	1.1	3.5																21	21	18	35
1 / 15	.7	2.9																16	16	19	21
1 / 13	2.2	.9																14	14	20	21
1 / 11	2.[illegible]	2.0																18	18	12	16
/ [illegible]	2.4	.4																13	13	22	19
/ 7	2.2	.7																12	12	12	10
/ 5	1.0																	6	6	6	8
/ 3	3.5	.4																19	19	18	17
/ 1	4.[illegible]	.7																21	21	21	25
/ -1	2.2																	10	10	11	14
- / -3	1.1																	5	5	5	11
- / -5	.2																	1	1	1	8
- / -7																					8
- / -9																					2
- /-11																					1
-1 /-13																					1
-1 /-15																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]736	FT RICHARDSON AK	77-82	NOV

PAGE 2 — HOURS (L. S. T.) 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
TOTAL	40.4	49.7	7.1	2.7	.2													451	451	451	451

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	112204	37190	82.5	10.052	451							
Dry Bulb	277493	9847	21.8	11.765	451	3.2	74.8					90
Wet Bulb	250241	9387	20.8	11.242	451	3.4	78.2					90
Dew Point	193364	7732	17.1	11.624	451	2.2	84.4					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7736	FT RICHARDSON AK	57-80	NOV

PAGE 1

HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7/51				.1														4	4		
7/4				.2	.1													7	7		
7/47		.2	.5	.7	.													36	36		
7/45			.3	.3	.													32	32	12	1
47/43	.2	.3	.5	.7	.													40	40	32	5
7/41		1.0	.4	.2														40	40	50	9
7/3	.2	.5	.9	.2														46	46	47	49
7/37	.1	1.2	.6	.2														52	52	43	39
7/35		2.5	.5	.2														76	76	61	29
37/33	.4	3.6	.5	.1														115	115	110	52
7/31	1.3	5.7	.9	.2														202	202	147	175
7/29	2.6	4.8	.9															211	211	1[illegible]6	131
7/27	1.9	5.7	.4	.1														205	205	236	144
7/25	1.2	5.4	.5	.2														167	167	218	194
7/23	.8	2.6	.1	.1														92	92	153	94
27/21	2.5	3.1	.2															155	155	169	178
7/19	5.4	4.4	.4															262	262	211	257
7/17	1.7	3.8	.2	.1														146	146	149	176
17/15	1.7	2.3																103	103	139	162
7/13	2.3	2.0																110	110	96	145
17/11	2.3	1.4																95	95	111	115
7/9	1.6	1.1	.1															70	70	96	99
7/7	1.2	.9	.1															53	54	56	94
7/5	1.2	.2																38	36	51	57
7/3	2.1	.7																70	70	68	78
7/1	1.3	.7																64	64	62	105
7/-1	.7																	24	24	28	46
-7/-3	.5																	14	14	14	36
-7/-5	.2																	5	5	5	23
-7/-7	.1																	2	2	2	22
-7/-9	.1																	3	3	3	16
-7/-11																					7
-17/-13																					3
-17/-15																					9

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

USAFETAC FORM AN 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	NOV

PAGE 2 — HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	34.	353.	8.	4	3.1	.												2557	2557	2557	2557

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17410376	209206	81.8	10.721	2557							
Dry Bulb	16[illegible]4139	59271	23.2	11.025	2558	13.5	593.9					720
Wet Bulb	15114.1	56295	22.	10.313	2557	14.6	620.0					720
Dew Point	1164000	46672	18.3	11.250	2557	47.6	668.8					720

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] 738 — STATION
FT RICHARDSON, AK — STATION NAME
77-82 — YEARS
[illegible] — MONTH

PAGE 1
[illegible] — HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 45			.9															2	2		
/ 41			.4															1	1	2	
/ 39		.4	1.2	.4														5	5		
/ 37			.9															2	2		1
/ 35		.4	.9															3	3	6	1
/ 33		1.0																4	4	2	1
/ 31	.4	1.3	.4															5	5	6	3
/ [illegible]	.4	.9	.9															2	2		1
/ 27	.4	2.2																6	6	4	3
/ 25	2.2	2.7																11	11	14	5
/ 23		3.1	.4															8	8	1[illegible]	3
/ 21	2.7	2.7	.4															13	13	14	4
/ 19	3.1	5.8	.4															21	21	15	1[illegible]
/ 17	.9	3.1																9	9	12	14
/ 15	.9	3.1																9	9	1[illegible]	1[illegible]
/ 13	2.7	3.1																13	13	[illegible]	12
/ 11	.4	2.2																6		8	3
/ [illegible]	.9	3.1																8		8	[illegible]
/ 7	.4	2.7																7	[illegible]	11	3
/ [illegible]	1.8	.9																6	6	7	3
/ 3	1.8	.9																6	6	7	[illegible]
/ 1	4.5	3.1																17	17	15	1[illegible]
/ -1	1.[illegible]																	4	4	6	7
/ -3	[illegible]	1.3																5	5	2	1[illegible]
/ -5	2.7	.9																8	8	6	8
/ -7	3.1																	7	7	9	4
/ -9	3.1																	7	7	7	[illegible]
/ -11	4.5																	9	9	9	[illegible]
/ -13	1.[illegible]																	4	4	4	[illegible]
/ -15	1.8																	4	4	4	3
/ -17	.9																	2	2	2	[illegible]
/ -19	2.7																	6	6	6	2[illegible]
/ -21																					
/ -23																					[illegible]

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

FL AL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7 738	FT RICHARDSON AK	77-80	DEC

EACH 0300-0500
HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-[illegible]/-25	.4																	1	1	1	[illegible]
-[illegible]/-29																					3
-3 7/-35																					1
-[illegible]/-39																					1
-[illegible]/-59																					1
TOTAL	46.4	46.0	7.1	.4														224	224	224	224

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	1356319	17159	76.6	13.716	224							
Dry Bulb	80632	2500	11.2	15.377	224	23.7	85.9					93
Wet Bulb	72525	2323	10.4	14.738	224	24.5	88.1					93
Dew Point	71360	1120	5.0	17.172	224	34.5	91.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY RESEARCH
USAFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 736 — STATION NAME: FT RICHARDSON AK — YEARS: 77-8 — MONTH: DEC

PAGE 1 — HOURS (L.S.T.): 0000-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47/ 42			.5	.2														5	5		
47/ 41			.3	.2														5	5		
37/ 37		.2	1.2															7	7	4	
37/ 37		.6	.2															4	4	1	
37/ 33		.6																3	3	3	7
33/ 33			.2															1	1	2	2
37/ 31	.4	2.2	.2															14	14	6	5
37/ 2	.4	1.4	.2															10	10	1	
37/ 27	1.1	2.2																20	20	22	7
37/ 25	1.1	2.7	.4															22	22	1	22
37/ 23	1.4	3.9																26	26	32	11
27/ 21	2.2	1.4																18	18	21	9
37/ 1	4.3	4.7																44	44	32	37
37/ 17	1.1	3.1																20	20	23	26
37/ 15	1.2	2.1																16	16	21	33
37/ 13	1.8	2.5																21	21	15	25
37/ 11	1.1	1.6																13	13	17	13
37/	1.3	1.4																12	12	14	15
37/ 7	2.1	2.0																10	20	18	8
37/	.4	1.1																7	7	13	9
37/ 3	2.2	2.1																21	21	23	15
37/ 1	2.3	2.7																27	27	23	25
37/ -1	1.1	.4																22	22	24	23
37/ -3	1.1	.6																22	22	22	21
37/ -5	2.5																	12	12	14	9
37/ -7	4.5																	22	22	22	17
37/ -9	7.7																	16	18	16	17
37/-11	4.1																	20	20	20	15
37/-13	1.																	5	5	5	5
37/-15	2.3																	10	10	16	11
37/-17	2.2																	11	11	11	14
37/-19	.8																	4	4	4	11
37/-21	1.1																	5	5	5	10
37/-23	.5																	4	4	4	7

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AK 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CL AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	JUL

HOURS (L. S. T.) 0600-0900

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-25																					
-27																					
-29																					
-33																					
-37																					
-41																					
-59																					
TOTAL	58.0	39.5	4.1	.4														489	489	489	489

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2994106	37574	76.8	14.917	489							
Dry Bulb	164538	4802	9.8	15.519	489	29.5	88.2					93
Wet Bulb	156652	4494	9.2	14.969	489	31.2	88.4					93
Dew Point	162667	1813	3.7	17.876	489	38.8	90.3					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
7236	FT RICHARDSON, AK	77-82	LST

PAGE 1 HOURS (L.S.T.) 00-23

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47		.2																1	1		
4/ 43		.4	.2	.2														8	8	1	
2/ 41		.5	.4															5	5	4	
2/ 39		.4	.4															4	4	1	1
/ 37		.4																1	2	6	2
/ 35		.6	.6	.2														2	2	3	1
3 / 33			.2															1	1	1	1
2/ 31	.4	2.0	.4															14	14	8	7
/ 29	1.6	2.0	.2															19	19	19	5
/ 27	1.4	2.4																15	17	22	13
/ 25	1.	5.3	.2															32	32	19	17
2 / 23	.6	1.8																12	12	34	11
2/ 21	2.0	1.8	.2															24	24	22	15
/ 19	2.0	3.2																20	20	27	43
/ 17	1.2	3.4	.2															24	24	2[illegible]	25
1 / 15	1.8	3.4	.4															26	26	22	23
/ 13	1.4	.8																11	11	20	27
1 / 11	1.4	3.6																2[illegible]	25	13	15
/	.4	1.0																13	13	25	19
/ 7	.6	2.4																13	13	1[illegible]	13
/ 5	1.6	.6																11	11	17	3
/ 3	2.2	3.6																29	29	25	21
/ 1	3.2	2.2																27	27	3[illegible]	3[illegible]
/ -1	2.8																	15	15	16	12
- / -3	3.4																	17	17	17	12
- / -5	3.4																	17	17	17	32
/ -7	3.8																	19	19	19	11
- / -9	4.2																	21	21	21	2[illegible]
- / -11	3.0																	15	15	15	1[illegible]
-1 / -13	1.2																	5	5	5	7
-1 / -15	2.4																	12	12	12	17
-1 / -17	1.6																	8	8	8	14
-1 / -19	1.0																	5	5	5	13
/ -21	.2																	1	1	1	1[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	DEC

PAGE 2 — HOURS (L.S.T.) 0600-1100

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-27	.4																				4
/-25	.2																	1	1	1	2
/-27																					
/-29																					4
/-31																					
/-33																					
/-35																					1
/-37																					
/-39																					
/-59																					1
TOTL	57.5	42.8	3.4	.2														495	495	495	495

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	72294	3839	77.6	13.914	495							
Dry Bulb	171455	5325	1[illegible]	15.265	495	25.0	88.1					93
Wet Bulb	156177	4993	1[illegible].1	14.684	495	26.1	89.1					93
Dew Point	154274	2418	4.9	16.982	495	35.5	90.0					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2736	FT RICHARDSON AK	77-82	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1200-1400
HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47/ 47		.6	.6	1.														11	11		
45/ 41		.6	.6															6	6	6	1
39/ 39		.2																1	1	6	5
37/ 37		.2																1	1	6	
35/ 35		.6	.4															5	5	3	3
33/ 33		.8	1.0	.2														10	10	4	5
31/ 31	.2	2.9	.4															17	17	11	13
29/ 29	1.4	.8	.4															13	13	21	8
27/ 27	1.[illegible]	4.9																29	29	12	14
25/ 25	.8	5.3																30	30	25	14
23/ 23	1.2	2.5																18	18	35	11
21/ 21	2.3	1.6	.4															24	24	21	23
19/ 19	2.7	3.1																28	28	26	23
17/ 17	.6	4.3	.2															25	25	17	15
15/ 15	1.2	3.3	.2															23	23	27	19
13/ 13	2.5	2.7																25	25	22	22
11/ 11	1.2	3.5																23	23	23	22
9/ 9	.6	2.9																17	17	26	17
7/ 7	1.2	2.5																18	18	21	17
5/ 5	1.2	2.1																16	17	17	23
3/ 3	2.3	1.2																17	17	21	13
1/ 1	3.5	4.1																37	37	34	24
-1/ -1	3.7	.4																30	29	21	25
-3/ -3	2.1	.8																14	14	15	17
-5/ -5	3.7	.6																21	21	19	22
-7/ -7	2.9																	14	14	17	16
-9/ -9	1.9																	9	9	9	21
-11/ -11	.4																	4	4	4	15
-13/ -13	.6																	3	3	3	7
-15/ -15	.4																	2	2	2	12
-17/ -17	1.[illegible]																	5	5	5	5
-19/ -19																					3
-21/ -21																					3
-23/ -23																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]73A — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
DEC — MONTH
PAGE [illegible]
1200-1400 — HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-25																					
/-27																					1
/-29																					
/-33																					1
TOTAL	41.	52.7	4.3	1.2														486	487	486	486

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2[illegible]4811	37419	77.	12.334	486							
Dry Bulb	181643	6657	13.7	13.595	487	17.0	86.5					93
Wet Bulb	103647	6267	12.9	13.769	486	18.2	88.2					93
Dew Point	138406	3734	7.7	15.041	486	32.0	90.3					93

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

7 7736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
DEC — MONTH

PAGE 1 — 1: 0-17:00 HOURS (L. S. T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 4																			1		
/ 47		.2																1	1		
/ 45		.2	.4	.2														4	4	1	
4/ 43			.6	.6														6	6	2	
/ 41			.4	.2														3	3	1	2
/ 39		.6	.6															6	6	6	1
/ 37		.2	.2															2	2	7	
/ 35				.2														1	1	5	3
3 / 33		1.1	.6															8	8	1	7
2/ 31	.4	2.5																14	14	6	16
/ 29	1.5	.8	.2															12	12	23	1
/ 27	1.1	2.3																16	16	21	19
/ 25	.8	5.1																28	28	24	1[illegible]
2 / 23	.8	3.6	.2															19	19	34	8
/ 21	7.8	2.1																28	28	28	3[illegible]
/ 19	1.9	3.8																27	27	24	3[illegible]
/ 17	1.1	4.5																26	26	20	17
1 / 15	1.9	3.2																24	24	34	1[illegible]
/ 13	1.9	2.5																21	21	19	25
1 / 11	1.1	3.6																23	23	17	24
/ [illegible]	.2	2.5																13	13	23	22
/ 7	1.1	2.1																15	15	15	7
/ 5	.4	2.5																14	14	19	1[illegible]
/ 3	.8	1.3																10	10	13	24
/ 1	2.3	7.3																22	22	22	15
/ -1	4.[illegible]	.6																22	22	21	16
- / -3	4.7																	22	22	25	7
- / -5	3.5	.4																19	19	17	21
/ -7	3.6																	17	17	19	2[illegible]
- / -9	4.2																	20	20	2[illegible]	24
- / -11	1.7																	8	8	8	14
-1 / -13	.4																	2	2	2	4
-1 / -15	1.7																	8	8	8	13
-1 / -17	.6																	3	3	3	9

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AK 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7736	FT RICHARDSON AK	77-82	DEC

PAGE 1 — HOURS (L. S. T.): 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-19	.5																	4	4	4	14
-21	.6																	3	3	3	4
-23																					5
-25																					4
-27																					4
-29																					3
-33																					1
-35																					4
-51																					1
TOTAL	47.3	48.0	3.4	1.3														471	472	471	471

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	264469	36168	76.6	13.016	471							
Dry Bulb	172401	5698	12.1	14.332	472	25.2	86.7					93
Wet Bulb	153933	5291	11.2	14.179	471	25.7	88.5					93
Dew Point	145358	2764	5.9	16.576	471	34.9	90.8					93

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 NATIONAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-82	DEC

PAGE 1 HOURS (L. S. T.) 1600-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 49			.2															1	1		
4 / 45			.2	.2														2	2	1	
4 / 43				.5														2	2		1
2 / 41			.9															4	4	1	
/ 39		.5	1.1															7	7		
/ 37		.5																2	2	11	
/ 35		.9	.5	.2														7	7	5	3
3 / 33		.2	.7															4	4	3	7
/ 31	.7	1.6																10	10	[illegible]	15
/ 29	2.3	1.6																17	17	19	3
/ 27	.5	2.7																14	14	12	15
/ 25	.7	1.8	.2															12	12	16	9
/ 23	.5	2.9																15	15	17	1[illegible]
2 / 21	4.1	2.5	.5															31	31	3[illegible]	14
/ 19	2.9	3.2																27	27	21	35
/ 17	1.4	2.3																16	16	19	22
/ 15	1.4	3.6																23	23	24	16
/ 13	2.3	2.5																21	21	1[illegible]	16
1 / 11	1.6	1.8																15	15	18	22
/	1.4	3.4																21	21	18	13
/ 7	1.1	2.9																18	18	21	12
/ 5	.7	.7																6	6	13	7
/ 3	1.6	.7																10	10	11	20
/ 1	2.9	3.6																29	29	26	22
/ -1	.1	.5																2[illegible]	2[illegible]	27	9
- / -3	3.2																	14	14	16	12
- / -5	3.8	.5																19	19	17	24
- / -7	4.7																	21	21	23	14
- / -9	3.5																	17	17	17	9
- / -11	2.3																	10	10	16	27
-1 / -13	.7																	3	3	3	10
-1 / -15	1.1																	5	5	5	12
-1 / -17	1.4																	6	6	6	11
- / -19	.7																	3	3	3	14

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AA 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7736	FT RICHARDSON AK	77-82	DEC

PAGE 2 — 1800-2300 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-21	1.[illegible]																	8	8	8	9
-23	.7																	3	3	3	5
-25																					4
-27																					6
-29																					[illegible]
-33																					1
-35																					[illegible]
-37																					[illegible]
-39																					[illegible]
-41																					[illegible]
-51																					[illegible]
-57																					1
-59																					1
TOTAL	54.2	40.9	4.3	.9														443	443	443	443

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2668691	33725	76.1	15.135	443							
Dry Bulb	152876	4692	10.6	15.279	443	27.1	86.9					93
Wet Bulb	139688	4398	9.9	14.739	443	29.[illegible]	88.4					93
Dew Point	151405	1875	4.2	18.016	443	36.3	90.7					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

70736	FT RICHARDSON AK	77-80	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 49			.[illegible]															1	2		
/ 47		.[illegible]																1	1		
/ 45		.1	.2	.1														9	9	2	
4/ 43		.2	.4	.5														30	30	3	1
2/ 41		.2	.6	.1														24	24	14	3
/ 39		.4	.7	.[illegible]														30	30	25	11
/ 37		.3	.2															13	13	42	3
/ 35		.5	.3	.1														26	26	26	19
3/ 33		.5	.5	.[illegible]														28	28	13	33
2/ 31	.4	2.2	.2															74	74	45	64
/ 29	1.3	1.3	.3															76	76	94	33
/ 27	1.1	2.9																104	104	73	71
/ 25	1.[illegible]	3.9	.2															133	133	124	75
/ 23	.6	2.8	.1															98	98	176	54
2/ 21	3.1	2.[illegible]	.2															133	128	136	151
/ 19	3.[illegible]	3.8	.0															177	177	141	226
1/ 17	1.9	3.5	.1															130	127	113	121
/ 15	1.9	3.1	.1															123	123	134	114
1/ 13	3.[illegible]	2.3																112	112	101	125
1/ 11	1.2	2.8																10[illegible]	105	93	109
/ [illegible]	.6	2.5																84	84	114	100
/ 7	1.2	2.3																91	91	97	8[illegible]
/ 5	1.1	1.3																6[illegible]	61	86	57
/ 3	1.8	1.7																93	93	105	99
/ 1	3.1	3.1																159	159	142	136
/ -1	3.[illegible]	.3																103	103	115	91
-/ -3	3.2	.4																94	94	1[illegible]3	61
-/ -5	3.3	.3																96	96	90	112
-/ -7	3.6																	100	100	159	82
/ -9	3.[illegible]																	92	92	92	94
-/ -11	2.[illegible]																	56	56	86	75
-1/ -13	.[illegible]																	22	22	22	33
-1/ -15	1.6																	41	41	41	73
-1/ -17	1.3																	35	35	35	61

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736	FT RICHARDSON AK	77-82	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — ALL HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-19	.3																	.2	22	22	96
/-21	.7																	17	17	17	39
2/-23	.3																	9	9	9	31
/-25	.1																	2	2	2	26
/-27																					22
/-29																					2
/-31																					3
2/-33																					11
3/-35																					9
/-37																					5
/-39																					5
/-41																					7
/-51																					4
5/-57																					1
/-59																					6
TOTAL	50.0	44.9	4.2	.9														2608	2610	2608	2608

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1589167	200355	76.8	13.845	2608							
Dry Bulb	923694	29704	11.4	14.982	2610	199.3	697.5					744
Wet Bulb	537322	27766	10.6	14.415	2608	205.4	707.8					744
Dew Point	323470	13724	5.3	16.275	2608	283.3	724.0					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH [illegible] STUDY
SEE REVERSE SIDE

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-83	ALL

HOURS (LST): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																						
[illegible]																						
[illegible]																						
77																						
[illegible]																						
[illegible]																						
71																						
[illegible]																						
67																						
65																						
63																						
61																						
[illegible]																						
57																						
55																						
[illegible]																						
51																						
[illegible]																						
47																						
[illegible]																						
43																						
41																						
[illegible]																						
[illegible]																						
35																						
[illegible]																						
31																						
[illegible]																						
27																						
25																						
23																						
21																						
[illegible]																						
[illegible]																						

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

250	FT RICHARDSON AK	27-82	ALL
STATION	STATION NAME	YEARS	MONTH

PAGE ALL HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 / 15	.3	1.2	.1															578	510	570	727
/ 13	.5	.9	.															447	448	431	636
1 / 11	.6	.9	.1															402	462	431	548
/ 9	.5	.8	.0															360	360	446	522
/ 7	.5	.7	.1															293	294	361	395
/ 5	.3	.3																194	195	302	239
/ 3	.6	.5																318	319	326	379
/ 1	.7	.5																410	415	374	545
/ -1	.7	.1																255	255	294	315
/ -3	.6	.1																228	228	222	27[illegible]
/ -5	.5	.1																175	172	158	302
/ -7	.6																	176	176	194	226
/ -9	.5																	150	150	155	239
/ -11	.3																	106	108	106	182
1 / -13	.1																	39	39	39	69
/ -15	.2																	74	74	74	155
/ -17	.2																	61	61	61	121
/ -19	.1																	44	45	44	174
/ -21	.1																	20	20	20	78
/ -23	.																	9	9	9	[illegible]
/ -25	.																	2	2	2	47
/ -27																					[illegible]
/ -29																					21
/ -31																					[illegible]
/ -33																					18
3 / -35																					16
/ -37																					11
/ -39																					[illegible]
/ -41																					7
4 / -45																					1
/ -51																					5
/ -57																					1
/ -59																					6

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7736	FT RICHARDSON AK	77-80	ALL

PAGE 2 — HOURS (L.S.T.): ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	13.7	36.6	2.7	13.3	5.1	.0	1.[illegible]	.0	.2	.0	.0							31555	31674	31555	31555

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	176214218	2311262	73.2	14.314	31555							
Dry Bulb	5 131[illegible]12	1216253	38.4	18.095	31674	398.1	3393.4	249.4	39.8	4.5		8760
Wet Bulb	47093153	1106759	35.1	17.[illegible]52	31555	420.6	3740.7	7.0				8760
Dew Point	33578177	947239	30.0	17.929	31555	727.2	4710.0					8760

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702736 FT RICHARDSON AK 77-82

STATION NAME YEARS

HOUR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
3-05	MEAN	13.6	15.0	22.4	29.0	40.1	48.9	52.8	49.6	43.1	32.1	20.0	11.2	34.1
	S.D.	13.978	16.746	10.532	7.286	5.052	3.844	3.282	4.940	7.267	10.632	11.680	15.377	17.051
	TOTAL OBS	152	160	228	233	276	295	289	306	282	281	221	224	2947
6-08	MEAN	14.8	15.4	23.4	32.6	45.2	52.5	56.2	53.3	44.4	32.0	21.3	9.8	34.3
	S.D.	14.816	16.497	10.494	7.322	4.844	4.113	3.837	4.461	7.090	9.950	11.786	15.519	18.646
	TOTAL OBS	382	409	520	490	498	515	513	528	489	504	471	489	5808
9-11	MEAN	16.5	20.3	29.6	39.1	50.5	56.5	59.7	58.4	50.4	35.5	23.4	10.8	38.3
	S.D.	13.655	14.027	8.297	6.860	5.104	5.046	4.747	4.638	5.801	8.798	10.889	15.202	19.003
	TOTAL OBS	421	425	526	496	498	516	510	528	489	504	474	495	5882
12-14	MEAN	19.4	25.3	33.8	42.9	53.5	59.3	62.5	61.6	53.7	38.2	26.4	13.7	41.6
	S.D.	11.914	11.139	7.138	6.741	5.559	5.824	5.742	5.753	5.655	8.319	8.898	13.595	18.408
	TOTAL OBS	419	426	524	495	498	516	511	528	488	506	474	487	5872
15-17	MEAN	17.7	25.5	34.2	43.3	53.5	59.8	63.2	62.6	54.0	37.3	24.3	12.1	41.4
	S.D.	13.035	11.361	6.621	6.290	5.908	5.913	6.154	6.141	5.757	8.576	10.272	14.832	19.315
	TOTAL OBS	412	413	514	488	486	508	500	520	480	499	467	472	5759
18-20	MEAN	14.2	21.0	30.1	39.1	50.3	57.3	60.7	59.0	49.5	34.2	21.8	10.6	38.6
	S.D.	14.324	13.555	7.366	6.073	5.389	5.074	5.428	5.370	5.860	9.156	11.785	15.279	19.355
	TOTAL OBS	352	352	481	455	462	492	476	504	462	476	451	443	5406
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN	16.4	21.1	29.6	38.5	49.5	56.2	59.7	58.0	49.6	35.1	23.2	11.4	38.4
	S.D.	13.698	14.265	9.386	8.219	6.834	6.202	6.046	6.742	7.378	9.442	11.025	14.982	18.995
	TOTAL OBS	2138	2185	2793	2657	2718	2842	2799	2914	2690	2770	2558	2610	31674

USAFETAC FORM 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7 .736 FT RICHARDSON AK 77-82

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	12.9	14.0	20.8	26.9	37.0	45.6	50.3	47.9	41.2	30.7	19.1	10.4	32.2
7-05	S D	13.424	16.076	10.023	6.993	4.765	3.345	3.266	4.637	6.416	10.083	11.091	14.738	16.279
	TOTAL OBS	152	160	228	233	276	295	289	306	281	281	221	224	2946
	MEAN	13.5	14.5	21.7	29.8	40.7	47.8	52.6	50.7	42.1	30.7	20.3	9.2	32.0
6-08	S D	14.173	15.712	9.883	6.678	4.023	2.987	2.903	3.931	6.297	9.453	11.075	14.969	17.391
	TOTAL OBS	372	408	518	488	498	515	510	528	489	504	471	489	5790
	MEAN	15.0	18.7	27.0	34.7	44.0	50.5	54.8	54.0	46.6	33.6	22.2	10.1	35.0
9-11	S D	13.206	13.341	7.545	5.763	3.773	3.152	3.084	3.590	4.938	8.116	10.136	14.684	17.181
	TOTAL OBS	400	424	521	495	498	516	510	527	488	504	473	495	5851
	MEAN	17.8	23.2	30.4	37.4	45.6	52.0	56.5	56.0	48.9	35.8	25.0	12.9	37.5
12-14	S D	11.481	10.596	6.270	5.325	3.860	3.552	3.285	4.004	4.504	7.383	8.285	13.069	16.135
	TOTAL OBS	400	426	522	494	498	516	509	528	488	506	474	486	5847
	MEAN	16.1	23.3	30.7	37.7	45.4	52.1	56.8	56.4	49.2	35.2	23.1	11.2	37.2
15-17	S D	12.587	10.814	5.933	4.976	4.137	3.731	3.657	3.999	4.645	7.648	9.611	14.179	16.873
	TOTAL OBS	391	413	514	486	486	508	498	520	480	498	467	471	5732
	MEAN	12.8	19.3	27.5	34.7	43.5	50.4	55.1	54.3	46.3	32.6	20.8	9.9	35.1
18-20	S D	13.813	12.899	6.779	5.025	4.165	3.509	3.531	3.777	5.070	8.597	11.042	14.739	17.357
	TOTAL OBS	339	352	481	453	462	492	474	504	462	476	451	443	5389
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN	15.0	19.4	26.9	34.2	43.1	50.0	54.6	53.6	46.1	33.3	22.0	10.6	35.1
ALL HOURS	S D	13.186	13.510	8.483	6.731	4.863	3.989	3.875	4.804	6.034	8.683	10.318	14.415	17.052
	TOTAL OBS	2054	2183	2784	2649	2718	2842	2790	2913	2688	2769	2557	2608	31555

USAFETAC FORM 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7 2736 FT RICHARDSON AK 77-82

HOUR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-05	MEAN	8.1	8.2	15.6	22.0	32.4	42.1	48.2	46.3	39.1	27.7	15.5	5.0	28.5
	S.D.	14.819	18.951	11.401	8.748	6.360	4.253	4.308	4.925	6.623	11.550	11.874	17.172	17.972
	TOTAL OBS.	152	160	228	233	276	295	289	306	281	281	221	224	2946
06-08	MEAN	6.7	8.6	16.4	24.1	35.1	43.2	49.5	48.5	39.5	28.0	16.7	3.7	27.8
	S.D.	15.522	18.596	11.179	8.110	5.139	3.806	3.997	4.332	6.614	10.537	11.913	17.876	18.811
	TOTAL OBS.	372	408	518	488	498	515	510	528	489	504	471	489	5790
09-11	MEAN	10.4	12.5	21.0	27.9	36.5	44.8	50.8	50.5	42.8	30.5	18.4	4.9	30.0
	S.D.	14.692	16.043	8.808	6.764	4.935	3.695	3.758	3.990	5.510	8.990	10.687	16.982	18.046
	TOTAL OBS.	400	424	521	495	498	516	510	527	488	504	473	495	5851
12-14	MEAN	12.8	16.9	24.1	29.4	36.8	45.3	51.8	51.6	44.3	32.3	21.0	7.7	31.9
	S.D.	13.471	13.085	7.299	6.226	5.040	4.400	3.986	4.204	5.242	7.826	9.206	15.041	16.698
	TOTAL OBS.	400	426	522	494	498	516	509	528	488	506	474	486	5847
15-17	MEAN	11.0	16.9	24.2	29.6	36.1	45.1	51.8	51.5	44.5	31.9	19.3	5.9	31.4
	S.D.	14.877	13.278	7.465	6.138	5.234	4.480	4.438	4.248	5.357	8.169	10.371	16.576	17.387
	TOTAL OBS.	391	413	514	486	486	508	498	520	480	498	467	471	5732
18-20	MEAN	7.4	12.9	21.5	27.6	35.2	43.9	50.5	50.5	42.9	29.8	17.1	4.2	29.8
	S.D.	16.255	15.690	8.193	6.217	5.429	4.756	4.575	4.058	5.623	9.468	11.624	18.016	18.318
	TOTAL OBS.	339	352	481	453	462	492	474	504	462	476	451	443	5389
	MEAN													
	S.D.													
	TOTAL OBS.													
	MEAN													
	S.D.													
	TOTAL OBS.													
ALL HOURS	MEAN	10.0	13.2	21.0	27.2	35.6	44.2	50.6	50.1	42.4	30.2	18.3	5.3	30.0
	S.D.	15.029	16.065	9.498	7.369	5.431	4.360	4.325	4.569	6.140	9.476	11.050	16.975	17.929
	TOTAL OBS.	2054	2183	2784	2649	2718	2842	2790	2913	2688	2769	2557	2608	31555

USAFETAC FORM 0-89 5 (OLA)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
736	FT RICHARDSON AK	78-82	JAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02											
	03-05	100.0	100.0	99.3	99.3	96.7	93.4	82.2	48.0	13.4	76.6	152
	06-08	100.0	100.0	100.0	98.4	96.8	93.8	79.8	47.6	11.0	76.2	372
	09-11	100.0	100.0	100.0	96.5	96.3	93.8	82.3	51.8	14.8	79.[illegible]	400
	12-14	100.0	100.0	99.8	98.3	97.0	90.8	75.0	43.8	15.8	77.2	400
	15-17	100.0	100.0	99.5	97.4	95.7	90.5	75.4	43.0	16.4	77.2	391
	18-20	100.0	99.7	98.8	96.8	95.3	91.4	71.4	41.0	13.3	76.3	339
	21-23											
TOTALS		100.0	100.0	99.6	98.1	96.4	92.3	77.7	45.9	14.2	77.8	2054

USAFETAC FORM JUL 64 0-87-5 (OL A)

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 736 FT RICHARDSON AK 77-82 FEB
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02											
	03-05	100.0	100.0	100.0	98.1	94.4	82.5	66.9	36.3	11.9	74.5	16[illegible]
	06-08	100.0	100.0	99.8	97.8	93.4	81.6	64.0	38.0	16.2	74.4	408
	09-11	100.0	100.0	99.5	97.9	91.3	80.9	56.6	32.9	11.8	72.5	424
	12-14	100.0	100.0	100.0	98.6	89.2	76.1	52.8	27.2	11.3	71.2	426
	15-17	100.0	100.0	100.0	97.3	91.3	78.2	49.4	26.4	9.9	70.7	413
	18-20	100.0	100.0	99.1	97.2	90.1	75.9	55.1	29.8	10.5	71.6	352
	21-23											
TOTALS		100.0	100.0	99.7	97.8	91.6	79.2	57.5	31.8	11.9	72.5	2183

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

700736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — PERIOD
MAR — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02											
	03-05	100.0	100.0	100.0	100.0	97.8	90.4	67.5	34.2	7.0	75.3	228
	06-08	100.0	100.0	100.0	99.8	97.7	89.8	65.6	33.4	7.1	74.8	518
	09-11	100.0	100.0	100.0	99.4	96.2	81.0	46.6	22.6	5.2	70.7	571
	12-14	100.0	100.0	100.0	99.0	94.6	76.2	34.9	14.0	4.2	68.2	522
	15-17	100.0	100.0	100.0	99.0	91.6	72.0	36.2	15.2	3.7	67.3	514
	18-20	100.0	100.0	100.0	99.8	95.4	82.3	48.0	23.3	4.6	71.0	481
	21-23											
TOTALS		100.0	100.0	100.0	99.5	95.6	82.0	49.8	23.8	5.3	71.2	2784

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702736 FT RICHARDSON AK 77-82 APR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02											
	03-05	100.0	100.0	100.0	100.0	97.9	91.4	65.2	36.5	10.3	75.4	233
	06-08	100.0	100.0	100.0	99.6	94.3	85.2	51.4	24.2	4.7	71.6	488
	09-11	100.0	100.0	99.8	98.6	89.1	63.4	28.5	12.1	3.0	65.1	495
	12-14	100.0	100.0	99.8	97.2	77.5	45.5	17.4	9.3	1.4	60.2	494
	15-17	100.0	100.0	99.8	95.1	72.2	44.2	15.4	8.2	2.1	59.6	486
	18-20	100.0	100.0	100.0	98.2	85.9	59.6	25.8	11.3	1.5	64.1	453
	21-23											
TOTALS		100.0	100.0	99.9	98.1	86.1	64.9	34.0	16.9	3.8	66.0	2649

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702736 FT RICHARDSON AK 77-82 MAY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02											
	03-05	100.0	100.0	100.0	99.3	94.9	85.5	63.4	35.9	9.4	74.6	276
	06-08	100.0	100.0	100.0	99.0	91.8	71.5	41.0	15.9	4.8	68.5	498
	09-11	100.0	100.0	99.4	96.4	74.5	44.4	20.5	6.4	1.8	59.9	498
	12-14	100.0	100.0	99.2	90.6	56.2	26.3	11.4	4.6	2.6	54.6	498
	15-17	100.0	100.0	99.8	88.7	48.4	23.3	8.8	4.5	1.6	53.1	486
	18-20	100.0	100.0	99.8	96.1	67.7	32.5	14.5	4.8	1.9	57.4	462
	21-23											
TOTALS		100.0	100.0	99.7	95.0	72.3	47.3	26.6	12.0	3.7	61.4	2718

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

7 0736 FT RICHARDSON AK 77-82 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
JUN	00-02											
	03-05	100.0	100.0	100.0	100.0	99.0	93.2	74.6	43.7	15.3	78.2	295
	06-08	100.0	100.0	100.0	99.6	95.3	83.7	53.6	19.8	5.8	71.6	515
	09-11	100.0	100.0	100.0	98.6	85.9	64.0	36.6	15.5	4.7	66.1	516
	12-14	100.0	100.0	99.8	94.4	73.4	47.5	28.1	13.4	2.1	61.4	516
	15-17	100.0	100.0	100.0	93.7	71.9	43.3	24.0	8.1	1.0	59.8	516
	18-20	100.0	100.0	99.8	96.5	79.3	50.6	27.8	9.6	2.4	62.4	492
	21-23											
TOTALS		100.0	100.0	99.9	97.1	84.1	63.7	40.8	18.4	5.2	66.6	2842

USAFETAC FORM JUL 64 0-87-5 (OL A)

2

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72736 FT RICHARDSON AK 77-82 JUL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	97.6	88.9	67.5	36.3	84.7	289
	06-08	100.0	100.0	100.0	99.8	97.5	89.6	76.1	50.0	24.3	79.1	510
	09-11	100.0	100.0	100.0	99.6	95.7	79.0	59.2	31.6	12.4	73.6	510
	12-14	100.0	100.0	99.6	98.2	87.0	71.1	47.3	29.5	7.1	69.8	509
	15-17	100.0	100.0	100.0	97.6	82.9	66.1	44.8	27.9	6.6	68.4	498
	18-20	100.0	100.0	100.0	99.2	88.0	71.9	51.7	31.4	8.2	70.8	474
	21-23											
TOTALS		100.0	100.0	99.9	99.1	91.9	79.2	61.3	39.7	15.8	74.4	2790

USAFETAC FORM JUL 64 0-87-5 (OL A)

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 2736 FT RICHARDSON AK 77-82 AUG
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	96.4	84.0	48.4	88.3	306
	06-08	100.0	100.0	100.0	100.0	100.0	98.5	90.7	63.6	28.0	83.9	528
	09-11	100.0	100.0	100.0	100.0	99.1	89.9	65.8	31.1	8.7	75.5	527
	12-14	100.0	100.0	100.0	99.6	95.3	73.9	47.5	24.4	6.3	70.7	528
	15-17	100.0	100.0	100.0	98.5	89.4	66.0	44.8	20.0	6.3	68.4	520
	18-20	100.0	100.0	100.0	99.8	97.2	80.0	63.3	37.1	7.5	74.3	504
	21-23											
TOTALS		100.0	100.0	100.0	99.7	96.8	84.7	68.1	43.4	17.5	76.9	2913

USAFETAC FORM JUL 64 0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

70736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — PERIOD
SEP — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02											
	03-05	100.0	100.0	100.0	100.0	98.9	97.5	90.0	79.0	44.5	86.0	281
	06-08	100.0	100.0	100.0	100.0	99.4	96.7	85.9	66.7	34.8	83.6	489
	09-11	100.0	100.0	100.0	100.0	98.6	90.0	68.0	32.8	11.5	75.8	488
	12-14	100.0	100.0	99.6	99.6	96.7	78.9	51.8	24.2	8.8	71.6	488
	15-17	100.0	100.0	100.0	100.0	95.6	79.6	51.9	21.0	6.5	71.1	480
	18-20	100.0	100.0	100.0	100.0	99.1	92.4	76.6	47.6	12.8	78.5	462
	21-23											
TOTALS		100.0	100.0	99.9	99.9	98.1	89.2	70.7	45.2	19.8	77.8	2688

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

70736	FT RICHARDSON AK	77-82	OCT
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02											
	03-05	100.0	100.0	100.0	100.0	98.9	96.1	87.2	69.8	37.0	84.3	281
	06-08	100.0	100.0	100.0	100.0	100.0	97.6	89.3	72.4	38.5	85.3	504
	09-11	100.0	100.0	100.0	99.6	98.8	95.2	84.9	61.5	31.3	82.6	504
	12-14	100.0	100.0	100.0	100.0	98.4	93.5	77.3	53.6	23.5	80.1	506
	15-17	100.0	100.0	100.0	100.0	98.8	92.6	80.9	58.6	27.5	81.5	498
	18-20	100.0	100.0	100.0	100.0	100.0	96.4	87.2	69.7	31.1	84.2	476
	21-23											
TOTALS		100.0	100.0	100.0	99.9	99.2	95.2	84.5	64.3	31.5	83.0	2769

USAFETAC FORM JUL 64 0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

70736 FT RICHARDSON AK 77-82 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02											
	03-05	100.0	100.0	100.0	100.0	99.1	96.4	90.0	63.3	25.3	82.8	221
	06-08	100.0	100.0	100.0	99.6	99.4	96.4	86.8	62.4	27.2	82.7	471
	09-11	100.0	100.0	100.0	99.4	99.4	95.6	86.0	58.1	21.4	81.4	473
	12-14	100.0	100.0	99.8	99.2	98.7	95.4	81.4	56.1	20.0	80.4	474
	15-17	100.0	100.0	100.0	99.6	98.7	96.1	84.6	61.5	22.5	81.7	467
	18-20	100.0	100.0	100.0	100.0	99.3	97.8	87.4	62.7	26.4	82.5	451
	21-23											
TOTALS		100.0	100.0	100.0	99.6	99.1	96.3	86.0	60.7	23.8	81.9	2557

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702730 FT RICHARDSON AK 77-82 DEC
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
DEC	00-02											
	03-05	99.6	99.6	99.6	99.1	95.1	87.5	71.4	42.0	14.7	76.6	274
	06-08	99.6	99.4	98.6	97.3	94.1	87.9	71.8	45.6	17.2	76.8	484
	09-11	100.0	99.8	99.4	98.4	94.7	89.3	74.9	44.4	19.8	77.6	495
	12-14	100.0	100.0	100.0	99.2	95.9	89.1	75.1	41.6	13.8	77.[illegible]	486
	15-17	100.0	99.8	99.8	98.3	94.9	87.9	73.5	42.9	15.1	76.6	471
	18-20	99.8	98.9	98.4	96.4	93.2	86.9	72.7	43.1	18.1	76.1	443
	21-23											
TOTALS		99.8	99.6	99.3	98.1	94.7	88.1	73.2	43.3	16.5	76.8	2608

USAFETAC FORM JUL 64 0-87-5 (OL A)

OL AL CLIMATOLOGY BRANCH
AETAC
A WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 2736 FT RICHARDSON AK 77-82 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.6	98.1	96.4	92.3	77.7	45.9	14.2	77.8	2654
FEB		100.0	100.0	99.7	97.8	91.6	79.2	57.5	31.8	11.9	72.5	2183
MAR		100.0	100.0	100.0	99.5	95.6	82.0	49.8	23.8	5.3	71.2	2794
APR		100.0	100.0	99.9	98.1	86.1	64.9	34.0	16.9	3.8	66.0	2649
MAY		100.0	100.0	99.7	95.0	72.3	47.3	26.6	12.0	3.7	61.4	2718
JUN		100.0	100.0	99.9	97.1	84.1	63.7	40.8	18.4	5.2	66.6	2842
JUL		100.0	100.0	99.9	99.1	91.9	79.2	61.3	39.7	15.8	74.4	2790
AUG		100.0	100.0	100.0	99.7	96.8	84.7	68.1	43.4	17.5	76.9	2913
SEP		100.0	100.0	99.9	99.9	98.1	89.2	70.7	45.2	19.8	77.8	2688
OCT		100.0	100.0	100.0	99.9	99.2	95.2	84.5	64.3	31.5	83.0	2769
NOV		100.0	100.0	100.0	99.6	99.1	96.3	86.0	60.7	23.8	81.9	2557
DEC		99.8	99.6	99.3	98.1	94.7	88.1	73.2	43.3	16.5	76.8	2608
TOTALS		100.0	100.0	99.8	98.5	92.2	80.2	60.9	37.1	14.1	73.9	31555

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

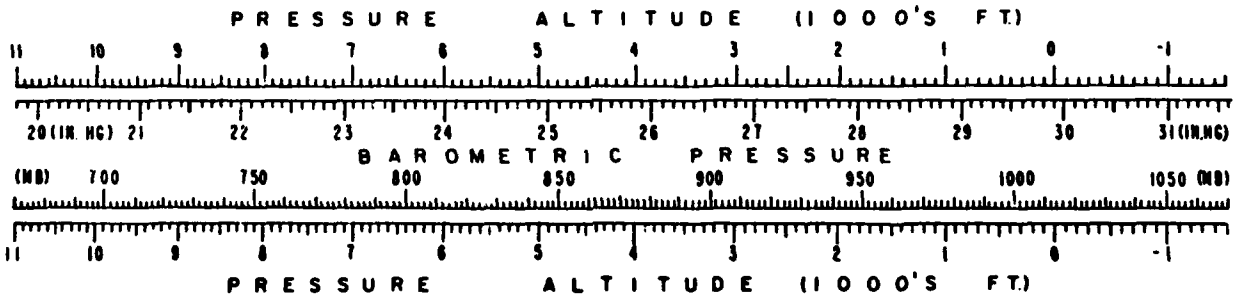
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

7 2736 FT RICHARDSON AK 77-82

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN													
	S D													
	TOTAL OBS													
04	MEAN	29.354	29.264	29.298	29.403	29.426	29.561	29.544	29.549	29.328	29.113	29.323	29.243	29.390
	S D	.421	.354	.344	.316	.252	.169	.162	.197	.270	.329	.437	.463	.327
	TOTAL OBS	39	43	68	97	123	133	130	138	127	123	71	71	1163
07	MEAN	29.319	29.287	29.294	29.366	29.455	29.537	29.554	29.520	29.326	29.139	29.234	29.280	29.363
	S D	.465	.421	.292	.309	.245	.185	.168	.216	.260	.342	.428	.493	.352
	TOTAL OBS	128	138	175	166	166	172	171	176	163	168	157	164	1944
10	MEAN	29.330	29.305	29.304	29.366	29.451	29.532	29.553	29.521	29.330	29.149	29.244	29.298	29.368
	S D	.463	.417	.292	.310	.239	.185	.170	.213	.261	.339	.430	.491	.351
	TOTAL OBS	141	142	176	165	166	172	170	176	163	168	158	165	1962
13	MEAN	29.322	29.303	29.301	29.356	29.443	29.524	29.546	29.511	29.325	29.147	29.244	29.289	29.362
	S D	.462	.418	.291	.308	.235	.183	.172	.215	.261	.338	.432	.491	.349
	TOTAL OBS	139	142	176	165	166	172	171	176	161	169	158	162	1957
16	MEAN	29.320	29.290	29.284	29.338	29.430	29.510	29.532	29.493	29.307	29.136	29.234	29.279	29.349
	S D	.449	.411	.289	.311	.231	.182	.171	.215	.263	.338	.436	.481	.346
	TOTAL OBS	141	143	174	166	166	172	170	176	163	169	158	159	1957
19	MEAN	29.319	29.302	29.285	29.340	29.428	29.508	29.530	29.494	29.302	29.148	29.233	29.278	29.351
	S D	.474	.411	.277	.313	.231	.183	.169	.214	.265	.339	.423	.480	.343
	TOTAL OBS	116	116	160	152	154	164	158	168	154	160	150	147	1799
22	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	29.324	29.295	29.294	29.359	29.440	29.527	29.543	29.514	29.319	29.140	29.245	29.282	29.362
	S D	.458	.411	.292	.311	.238	.182	.169	.212	.263	.337	.430	.484	.346
	TOTAL OBS	704	724	929	911	941	985	970	1010	931	957	852	868	10782

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GLOBAL CLIMATOLOGY BRANCH
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2

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

7 2736 FT RICHARDSON AK 78-82

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN													
	S D													
	TOTAL OBS													
4	MEAN				1005.7	1012.5	1015.2	1013.6	1015.3	1009.5	1004.2	1005.9	999.3	1010.1
	S D				12.730	8.811	6.175	6.077	6.217	9.409	11.296	11.845	12.466	10.372
	TOTAL OBS				34	61	60	61	63	59	57	30	30	455
7	MEAN	1004.5	1012.6	1006.1	1006.1	1012.9	1013.6	1014.4	1013.2	1008.2	1004.7	1001.6	1005.8	1008.8
	S D	12.699	15.561	8.151	10.940	8.399	7.133	6.377	7.581	9.184	11.272	12.202	16.382	11.428
	TOTAL OBS	52	50	62	89	89	90	89	93	86	91	82	85	958
10	MEAN	1005.0	1013.1	1006.3	1006.1	1012.8	1013.4	1014.5	1013.1	1008.3	1005.0	1002.0	1006.2	1008.9
	S D	12.418	15.328	8.303	11.054	8.292	7.165	6.448	7.608	9.169	11.275	12.193	16.182	11.343
	TOTAL OBS	52	50	62	89	89	90	89	93	86	91	82	86	959
13	MEAN	1004.8	1013.0	1006.5	1005.8	1012.5	1013.2	1014.3	1012.8	1008.0	1004.7	1001.9	1005.9	1008.7
	S D	12.290	15.187	8.251	11.064	8.117	7.098	6.569	7.623	9.243	11.100	12.374	16.377	11.319
	TOTAL OBS	52	50	62	89	89	91	89	93	86	92	82	83	958
16	MEAN	1004.3	1012.6	1006.2	1005.3	1012.0	1012.7	1013.9	1012.2	1007.3	1004.2	1001.4	1005.0	1008.2
	S D	12.123	15.145	8.149	11.110	8.050	6.992	6.578	7.607	9.367	11.145	12.737	16.011	11.292
	TOTAL OBS	52	50	63	89	89	90	89	93	86	92	82	81	956
19	MEAN	1004.6	1011.8	1006.3	1005.5	1012.1	1012.7	1013.8	1012.1	1007.4	1004.5	1001.7	1005.1	1008.3
	S D	12.763	15.585	7.937	11.171	7.994	6.982	6.366	7.451	9.420	11.204	12.678	16.323	11.231
	TOTAL OBS	44	45	63	89	89	90	90	94	86	90	81	78	939
22	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	1004.6	1012.6	1006.3	1005.7	1012.5	1013.4	1014.1	1013.0	1008.1	1004.6	1002.0	1005.2	1008.7
	S D	12.354	15.237	8.107	11.137	8.217	6.982	6.398	7.450	9.268	11.158	12.374	16.028	11.250
	TOTAL OBS	252	245	312	479	506	511	507	529	489	513	439	443	5225

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